

Manufacturer	COLOR SLIDE FILM	ISO rating	Abbreviation	Resolution	Sharpness	Color Saturation	Granularity	Contrast	Exposure Latitude	Formats	Price*	Comments
Agfa	Agfachrome RSX II 50 Prof.	50	RSX 50	Very high	Very high	Incr.	Extr. fine	Med.	Mod.	A,B	\$12.36	Sharp, fine grained, neutral balance for bright landscapes, closeups.
Fujifilm	Fujichrome Velvia Prof.	50	RVP	Very high	Extr. high	Enh.	Extr. fine	Med. high	Narrow	A,B,C,D	\$12.41	Warm balance (esp. skin tones); bold colors, and fine grain; Tested 7/94 and 6/99.
Fujifilm	Fujichrome Pro 64T Type II Prof.	64	RTPII	High	High	Incr.	Very fine	Med.	Mod.	A,B,D	\$13.84	Tungsten-balanced, fine-grain film for studio portraits, still lifes.
Kodak	Ektachrome 64 Prof.	64	EPR	High	High	Incr.	Very fine	Med.	Mod.	A,B,C,D	\$14.98	Decent exposure latitude, bold colors, and fine grain make this a pro favorite.
Kodak	Ektachrome 64T Prof.	64	EPY	High	High	Incr.	Very fine	Med.	Narrow	A,B,D	\$13.30	Tungsten-balanced film preferred for studio portraits and still lifes.
Kodak	Kodachrome 64 Prof.	64	PKR	High	Extr. high	Incr.	Extr. fine	Med. high	Narrow	A	\$10.20	Accurate colors, fine grain. Near-archival image lifespan. Amateur version available. Tested 6/94.
Agfa	Agfachrome CTprecisa 100	100	CT 100	High	Extr. high	Incr.	Extr. fine	Med. high	Mod.	A	\$10.71	Very sharp, bold colors. Good for portraits, architecture, scenics.
Agfa	Agfachrome RSX II 100 Prof.	100	RSX II 100	High	Extr. high	Incr.	Extr. fine	Med. high	Mod.	A,B,D	\$14.24	Very sharp. Accurate, bold colors. Good for fashion, portraits, closeups. Tested 6/99.
Ferrania	Solaris Chrome 100	100	Chrome 100	High	High	Incr.	Very fine	Med.	Mod.	A	\$6.80	All-purpose slide film for flash portraits, brightly lit landscapes, beach scenes.
Fujifilm	Fujichrome Astia 100 Prof.	100	RAP	Very high	Very high	Incr.	Very fine	Med.	Mod.	A,B,C,D	\$12.06	Smooth, natural skin tones, accurate color, for use in fashion, product photography.

*Prices based on 36-exposure roll unless noted. ¹ Price based on 24-exposure roll. ² Sold as a multi-pack. A: 35mm cassettes. B: 120 rolls. C: 220 rolls. D: Sheet film sizes. Color saturation: Incr=Increased; Enh=Enhanced; Mod=Moderate.

Manufacturer	Color Slide Film Performance Metrics											Comments
	ISO Rating	Abbreviation	Resolution	Sharpness	Color Saturation	Granularity	Contrast	Exposure Latitude	Formats	Price *		
Fujifilm	Fujichrome Provia 100F Prof.	100	RDPIII	Very high	Very high	Incr.	Extr. fine	Med.	Mod.	A,B,C,D	\$12.06	Bold colors, extremely fine grain. Use for fashion, landscapes, portraits.
Fujifilm	Fujichrome Sensia 100	100	RA	Very high	Very high	Incr.	Extr. fine	High	Mod.	A	\$10.10	Extremely fine grain. Good for portraits, nature, underwater, closeups. Renamed from Sensia II. Tested 6/97.
Kodak	Ektachrome 100 Prof.	100	EPN	High	High	Mod.	Very fine	Med.	Mod.	A,B,C,D	\$14.01	Neutral balance, very accurate color reproduction, suitable for exacting catalog work.
Kodak	Ektachrome 100 Plus Prof.	100	EPP	High	High	Mod.	Very fine	Med.	Mod.	A,B,C,D	\$14.01	Accurate colors, neutral balance. For portraits, scenics, still lifes. Tested 11/96.
Kodak	Ektachrome E100SW Prof.	100	E100SW	Very high	Very high	Enh.	Extr. fine	Med high	Mod.	A,B,C,D	\$12.06	Warm-balance for overcast portrait, fashion, and architectural photography.
Kodak	Ektachrome E100S Prof.	100	E100S	Very high	Very high	Incr.	Extr. fine	Med. high	Mod.	A,B,C,D	\$12.06	Enhanced color film for fashion, portraiture; use when very bright colors are not desirable.
Kodak	Ektachrome E100VS Prof.	100	E100VS	Very high	Very high	Enh.	Very fine	High	Mod.	A,B,C,D	\$12.06	Vivid, saturated colors, extreme sharpness. Permits one-stop push.
Kodak	Elite Chrome 100	100	EB	Very high	Very high	Incr.	Extr. fine	High	Narrow	A	\$10.10	Enhanced color film, great flesh tones, pleasing contrast, bold colors. For portraits, landscapes. Tested 4/97.
Kodak	Elite Chrome Extra Color 100	100	EBX	Very high	Extr. high	Enh.	Very fine	High	Mod.	A	\$10.60	Extremely high color saturation for its speed class. Well suited for nature, scenics.
Konica	Chrome R-100	100	n/a	High	Med.	Mod.	Very fine	Mod.	Narrow	A	\$5.99	Recommended for daylight landscapes, architecture, and product photography.
Kodak	Ektachrome 160T Prof.	160	EPT	High	Med.	Mod.	Very fine	Med.	Mod.	A,B	\$15.34	Tungsten-balanced film for studio portraits, product shots, and stage lighting.
Kodak	Elite Chrome 160T	160	ET	High	Med.	Mod.	Very fine	Med.	Mod.	A	\$12.05	Amateur version of tungsten-balanced film for indoor (3200 K) lighting.
Agfa	Agfachrome CTprecisa 200	200	CT 200	High	Med.	Incr.	Very fine	Med.	Mod.	A	\$11.97	Medium-speed, very fine-grained film for action, children's portraits. Tested 7/98.
Agfa	Agfachrome RSX II 200 Prof.	200	RSX II 200	High	Med.	Incr.	Very fine	Med.	Wide	A,B	\$14.88	Good speed-to-grain ratio, can be push or pull-processed with decent results.
Fujifilm	Fujichrome Sensia 200	200	RM	High	High	Mod.	Very fine	Med.	Wide	A	\$12.05	Newest version has finer grain, more vivid color than previous Sensia II 200. For portraits, nature, and scenic photography.
Kodak	Ektachrome 200 Prof.	200	EPD	High	Med.	Mod.	Very fine	Med.	Mod.	B	\$8.35	Film for overcast landscapes, action. Rec. for special effect cross-processing in C-41.
Kodak	Ektachrome E200 Prof.	200	E200	High	High	Mod.	Very fine	Med.	Wide	A,B,C	\$13.35	Versatile film. Very good colors and contrast even when pushed to E.I. 800. Tested 1/98.
Kodak	Elite Chrome 200	200	ED	High	High	Mod.	Very fine	Med.	Mod.	A	\$12.05	Medium-speed version of Elite II 400 with higher color saturation. Tested 7/98.
Kodak	Kodachrome 200 Prof.	200	PKL	Very high	Very high	Incr.	Very fine	High	Narrow	A	\$15.34	Fast, sharp film with fine grain and near-archival lifespan. Amateur version available.
Kodak	Ektachrome 320T Prof.	320	EPJ	High	High	Mod.	Fine	Med.	Mod.	A	\$16.75	High speed, tungsten balanced. Good for stage, existing-light portraits. Tested 4/93.
Fujifilm	Fujichrome Provia 400 F Prof.	400	RHPDIII	High	High	Incr.	Very fine	Med.	Wide	A,B	\$16.70	Bold colors, neutral balance. For stage, low-light portraits, and sports. Finer grain than previous Provia 400.
Fujifilm	Fujichrome Sensia 400	400	RH	High	High	Mod.	Very fine	Med.	Wide	A	\$14.00	Newest version has finer grain and more vivid color than Sensia II 400. Suitable for sports, stage, and push processing.
Kodak	Ektachrome 400X Prof.	400	EPL	High	High	Mod.	Fine	Med.	Mod.	A,B	\$16.75	Slightly warm balance, fine grain.
Kodak	Elite Chrome 400	400	EL	High	High	Mod.	Fine	Med.	Mod.	A	\$10.30 ¹	Amateur version of Ektachrome . 400X with more neutral color balance, fine grain. Tested 4/97.
Fujifilm	Fujichrome Provia 1600 Prof.	1600	RSP	Med.	Med.	Mod.	Med.	Med. high	Wide	A	\$18.00	Designed for push processing. Use for sports, stage, low-light scenics. Tested 11/94.
Kodak	Ektachrome P1600 Prof.	1600	EPH	Med.	Med.	Mod.	Med.	Med.	Wide	A	\$18.19	High-speed film. Push processing required to obtain E.I. 1600 speed. Tested 4/93.

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Konica	Impresa 50 Prof.	50	IMP50	Very high	Extr. high	Enh.	Extr. fine	Reduced	Narrow	A,B	\$8.19	Accurate color, superfine grain, designed for scenics, underwater, closeups. Tested 6/92.
Agfa	Agfacolor Vista 100	100	Vista 100	High	Very high	Incr.	Extr. fine	Med.	Wide	A	\$6.98	Well suited for large prints of brightly lit portraits, scenics, and wildlife.
Agfa	Optima II 100 Prof.	100	OPT100	Very high	Very high	Mod.	Very fine	Med.	Mod.	A, B	\$8.80	Sharp, fine-grained film for large prints from a variety of subjects. Tested 3/91.
Ferrania	Solaris 100	100	100	High	Very high	Incr.	Extr. fine	Med. high	Wide	A	\$4.98	Very good image quality, excellent exposure latitude, pleasing saturation.
Fujifilm	Fujicolor Superia 100	100	CN	Very high	Very high	Mod.	Extr. fine	High	Wide	A	\$6.98	General purpose film with improved color reproduction under mixed lighting.
Fujifilm	Fujicolor Superia Reala	100	CS	Very high	Very high	Enh.	Extr. fine	Med.	Wide	A	\$8.33	Has fourth light-sensitive layer for accurate color reproduction under mixed light.
Kodak	Supra 100 Prof.	100	SUPRA 100	Very high	Extr. high	Enh.	Extr. fine	High	Mod.	A	\$5.31 ²	Extremely fine grain, very good color. ideal for photojournalists.
Kodak	Kodak 100	100	GA	Very high	Extr. high	Incr.	Extr. fine	Med. high	Wide	A	\$7.00	Excellent all-purpose film with accurate colors and great skin tones. Reviewed 4/98.
Kodak	Portra 100T Prof.	100	100T	Very high	Extr. high	Incr.	Extr. fine	Med.	Wide	A,B, D	\$5.96 ²	Excellent choice for shooting under controlled tungsten lighting. Optimized for scanning.
Konica	Centuria 100	100	n/a	High	High	Incr.	Very fine	Med.	Wide	A,B	\$6.47	Very good image quality and color accuracy over wide exposure range. (Available in professional version.)
Polaroid	High Definition 100	100	HD100	High	High	Incr.	Extr. fine	Med.	Wide	A	\$1.45 ²	Good general-purpose film for family photography, outdoor subjects.
Agfa	Portrait 160 Prof.	160	XPS	Very high	High	Mod.	Very fine	Reduced	Mod.	A,B, C	\$9.51	For portraits, weddings, and "people" photography. Tested 3/91.
Fujifilm	Fujicolor NPL 160 Prof.	160	NPL	High	Med.	Mod.	Very fine	Reduced	Wide	B,D	\$6.15	Tungsten-balanced, medium-speed pro film for studio portraits, still lifes.
Fujifilm	Fujicolor NPS 160 Prof.	160	NPS	High	Very high	Mod.	Very fine	Reduced	Wide	A,B, C,D	\$9.40	Fine grain, pleasing contrast, very useful for mixed-light portraits, landscapes.
Fujifilm	Fujicolor Portrait NPC 160 Prof.	160	NPC	High	Extr. high	Incr.	Very fine	Med. high	Wide	A,B, C	\$9.40	Excellent skintones and bold color, even under flat light.
Kodak	Portra 160NC Prof.	160	160NC	Very high	High	Mod.	Very fine	Med.	Wide	A,B, C,D	\$6.00	Features extremely accurate skin tones, excellent tonality. Optimized for scanning. Tested 3/99.
Kodak	Portra 160VC Prof.	160	160VC	Very high	High	Incr.	Very fine	Med. high	Wide	A,B, C,D	\$6.00	Vivid colors, decent skin tones. Helpful when used under flat lighting. Optimized for scanning. Tested 3/99.
Konica	Prof. 160	160	PRO 160	High	Very high	Incr.	Extr. fine	Reduced	Mod.	A,B, C	\$6.73	Pleasing contrast, superfine grain for portraits, weddings, and enlargements.
Agfa	Agfacolor Vista 200	200	Vista 200	High	High	Incr.	Very fine	Med.	Wide	A	\$7.95	Good general-purpose, sharp film with vibrant colors, very fine grain.
Agfa	Optima II 200 Prof.	200	OPT 200	High	High	Mod.	Very fine	Med. high	Wide	A,B	\$10.06	Good medium-speed pro film for still lifes, landscapes, and portraits.
Ferrania	Solaris 200	200	200	High	High	Incr.	Very fine	Med.	Wide	A	\$5.71	Very good all-purpose, moderately priced film with fine grain, good sharpness, bold colors.
Fujifilm	Fujicolor Superia 200	200	CA	High	Very high	Incr.	Very fine	Med.	Wide	A	\$7.95	Increased sharpness, fine grain, good color rendition, fourth emul. layer for mixed lighting.
Kodak	Kodak 200	200	GB	High	Very high	Incr.	Very fine	Med. high	Wide	A	\$8.00	Excellent color, very fine grain, for flash, portraits, fashion, scenics. Tested 4/98.
Kodak	Royal Gold 200	200	RB	High	Very high	Incr.	Very fine	Med. high	Wide	A	\$8.75	New top-grade medium-speed film for portraits, sports, and weddings.
Konica	Centuria 200	200	n/a	High	High	Incr.	Fine	Med.	Wide	A	\$7.56	Medium-speed film with neutral colors, fine grain; suitable for most subjects.
Polaroid	High Definition 200	200	HD 200	High	Very high	Incr.	Fine	Med.	Wide	A	\$1.60 ²	Sharp, general-purpose film with excellent grain and bold colors.
Agfa	Agfacolor Vista 400	400	Vista 400	High	High	Mod.	Very fine	Med. high	Wide	A	\$8.66	General-purpose film with very fine grain, bold colors.

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Agfa	Optima II 400 Prof.	400	OPT 400	High	High	Mod.	Very fine	Med. high	Wide	A,B, C	\$9.75	Accurate color reproduction for low-light portraits, stage, fast sports. Tested 11/94.
Ferrania	Solaris 400	400	400	Med.	Med.	Mod.	Fine	Med. high	Wide	A	\$6.41	Lowest-priced 400-speed film in single, 36 exp. rolls. Good for use in point-and-shoot cameras.
Fujifilm	Fujicolor 400 NPH Prof.	400	NPH	High	High	Mod.	Very fine	Med.	Wide	A,B, C	\$9.87	Neutral skin tones, unbiased gray balance, for wedding, portrait photographers.
Fujifilm	Fujicolor Press 400 Prof.	400	NHG	High	High	Mod.	Very fine	Med	Wide	A,B, C	\$5.12 ²	Excellent high-speed film with wide exposure latitude for available-light photography.
Fujifilm	Fujicolor Superia X-TRA 400	400	CH	High	High	Incr.	Very fine	Med.	Wide	A,B	\$8.66	All-around high-speed film with fine grain, good sharpness and 4th layer for better results in mixed light.
Kodak	Supra 400 Prof.	400	SUPRA 400	High	High	Enh.	Fine	High	Wide	A	\$5.36 ²	Can be push-processed to E.I. 800. Claimed to have extremely fine grain. Tested 7/98.
Kodak	MAX Versatility 400	400	GC	Very high	High	Incr.	Very fine	Med. high	Wide	A	\$8.65	Newly improved with great color saturation, very fine grain and improved latitude. Good multi-purpose film.
Kodak	Portra 400NC Prof.	400	400NC	High	High	Mod.	Very fine	Med.	Wide	A,B, C,D	\$6.35	Sharp, colorful film with excellent skin tones and exposure latitude. Optimized for scanning. Tested 3/99.
Kodak	Portra 400VC Prof.	400	400VC	High	High	Incr.	Very fine	Med. high	Wide	A,B, C	\$6.35	Fast film with brilliant color and very good sharpness. Optimized for scanning. Tested 3/99.
Kodak	Royal Gold 400	400	VPH	High	Med. high	Incr.	Very fine	Med.	Wide	A,B, C	\$9.55	Saturated color, very fine grain for portraits, weddings, and enlargements. Tested 11/94.
Konica	Centuria 400	400	n/a	High	Extr. high	Mod.	Extr. fine	Med.	Wide	A	\$8.29	This newly improved film provides good color rendition under mixed lighting. Good choice for compact cameras.
Konica	Prof. 400	400	PRO 400	High	High	Mod.	Fine	Med.	Wide	B,C	\$5.25	A 400-speed color-print film in 120 and 220 format, well suited for a variety of lighting conditions.
Polaroid	High Definition 400	400	HD400	High	High	Mod.	Fine	Med.	Wide	A	\$1.85 ²	Sharp, high-speed film. Ideal for action, sports, stage, and indoor parties.
Agfa	Agfacolor Vista 800	800	Vista 800	High	High	Incr.	Very fine	Med.	Wide	A	\$9.74	Color, grain and sharpness improvements suit it to low light, slow lenses and fast-moving subjects.
Ferrania	Solaris 800	800	800	Med.	Med.	Mod.	Med.	Med.	Wide	A	\$7.94	New film features low cost and high speed. Good for zoom compacts.
Fujifilm	Fujicolor NHGII 800 Prof.	800	NHGII	Med. high	High	Mod.	Fine	Med.	Wide	A, B, C	\$9.87 ²	High-speed, fine-grain film with excellent latitude for a variety of lighting conditions.
Fujifilm	Fujicolor Press 800 Prof.	800	CZ	Med. high	High	Mod.	Very fine	Med.	Wide	A	\$5.86 ²	Pushable, for photojournalists. Very good under low-light conditions. Fourth layer for good results in mixed light.
Fujifilm	Fujicolor Superia X-TRA 800	800	CZ	Med. high	High	Mod.	Very fine	Med.	Wide	A	\$9.49	High speed with good color and fine grain. Newly added 4th color layer for better results in mixed light. Tested 4/98.
Fujifilm	Fujicolor Portrait NPZ 800 Prof.	800	NPZ	High	Very high	Incr.	Very fine	Med.	Wide	A,B, C	\$9.87 ²	Excellent skintones and better grain characteristics. Has Fuji's 4th color layer for mixed light performance.
Kodak	Supra 800 Prof.	800	SUPRA 800	High	High	Enh.	Very fine	Med. high	Wide	A	\$5.77 ²	Exceptionally fine grain, can be push processed to E.I. 3200.
Kodak	Portra 800 Prof.	800	n/a	High	High	Incr.	Very fine	Med.	Wide	B, C	\$6.95 ²	High speed film with accurate skin tones. Optimized for scanning.
Kodak	MAX Versatility Plus 800	800	GT	High	High	Mod.	Very fine	Med. high	Mod.	A	\$9.86	Newly improved with good color saturation and fine grain for speed.
Konica	Centuria 800	800	n/a	High	Very high	Mod.	Very fine	Med.	Wide	A,B	\$9.27	Newly improved with good color reproduction and fine grain. Good choice for zoom compacts.
Kodak	Royal Gold 1000	1000	RF	Med.	Med.	Mod.	Med.	Med. high	Wide	A	\$9.20 ¹	Ultraspeed film with good color for all low-light requirements. Tested 11/94.
Fujifilm	Fujicolor Superia 1600	1600	CU	Med.	High	Incr.	Med.	Med.	Wide	A	\$11.09	Good color film for low-light. New 4th color layer for better results in mixed light.
Fujifilm	Fujicolor Press 1600 Prof.	1600	CU	Med.	High	Incr.	Med.	Med.	Wide	A	\$9.43 ²	Recommended for low-light situations, especially under mixed light.
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GRANULARITY (RMS)

	Print	Slide
Extr. fine	Below 5	Below 11
Very fine	5 to 6.4	11 to 15
Fine	6.5 to 7.4	15.1 to 20
Medium	7.5 to 9.4	20.1 to 25
Med. coarse	9.5 to 10.5	25.1 to 30
Coarse	Above 10.5	Above 30

RESOLUTION

Extremely high	Above 190	lp/mm
Very High	150 to 190	lp/mm
High	100 to 149	lp/mm
Medium	90 to 99	lp/mm
Medium low	50 to 89	lp/mm
Low	Below 50	lp/mm

SHARPNESS

	Print	Slide
Ext. high	Above 50%	Above 30%
Very High	45 to 50%	26 to 30%
High	35 to 44%	21 to 15%
Medium	26 to 34%	16 to 20%
Medium low	20 to 25%	10 to 15%
Low	Below 20%	Below 10%

EXPOSURE LATITUDE

Print film	Slide Film with Push/pull
Wide: 4 or more stops	Wide: 2 or more stops
Moderate: 2 to 3.9 stops	Moderate: 1 to 1.9 stops
Narrow: Below 2 stops	Narrow: Push/pull not recommended

COLOR SATURATION

Enhanced: very bold, intense colors.
Increased: bolder than normal colors.
Moderate: normal-appearing colors.
Reduced: less vivid than normal colors.