

ExpoAperture² Depth-of-Field Guide

Camera Sensor and Film Format Circle of Confusion Reference Chart

Digital Cameras and Backs:					
Camera Manufacturer	Camera Model	Crop Factor	Suggested CoC in Microns		
Canon	EOS 5D EOS-1Ds MarkII EOS-1Ds	1.0	30		
	EOS-1D Mark III EOS-1D Mark II EOS-1D Mark II EOS-1D	1.3	23		
	EOS 10D EOS 20D, EOS 20Da EOS 30D EOS D30, EOS D60 EOS Digital Rebel (300) EOS Digital Rebel XT (350D) EOS Digital Rebel XTi (400)	1.6	use 1.6x setting		
Contax	N Digital	1.0	30		
Epson	R-D1	1.5	20		
Fujifilm	FinePix S5 Pro FinePix S3 Pro FinePix S2 Pro FinePix S1 Pro	1.6	use 1.6x setting		
	Kodak	DCS SLR/c DCS SLR/n DCS 14n DCS ProBack 645 DCS ProBack Plus DCS ProBack	1.0	30	
		DCS 760 DCS 660	1.3	23	
		DCS 720x DCS620x	1.6	use 1.6x setting	
Konica Minolta	Maxxum 5D Maxxum 7D	1.5	20		
Leica	M8	1.3	23		
	DMR	1.4	use APS-C setting		
Nikon	D200 D80 D2X, D2Xs D100 D70, D70s D50 D40 D2H, D2Hs D1, D1H, D1X	1.5	20		
	Olympus	EVOLT E-500 EVOLT E-400 EVOLT E-330 EVOLT E-300 E-1	2.0	17	
		Panasonic	LUMIX DMC-L14	2.0	4:3 - 17 3:2 - 15 16:9 -13
		Pentax	K10D, K110D, K100D ist DL2, ist DS2 *ist DS, *ist D	1.5	20
		Samsung	GX-10, GX-1L, GX-1S	1.5	20
	Sigma	DP1 SD14, SD10, SD9	1.7	17	
		Sony	DSLR-A100	1.5	20
	DSC-R1		1.7	17	

Film Formats:			
Format	Type of Film	Aspect Ratio	Suggested CoC in Microns
35mm half frame	135	0.75:1	17
APS-C	Advanced Photo System (APS)	1.5:1	use APS-C setting
35mm full frame	135	1.5:1	30
6 x 4.5 cm	120, 220, or 620	1.3:1	52
6 x 6 cm	120, 220, or 620	1.0:1	56

Please refer to the ExpoAperture² Manual for additional notes on this table.

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