

COLOUR CORRESPONDENCE

HEXIS HFLEX 100P range

Intended for users :

In the table below, the colours of the HEXIS HFLEX 100P range are listed in various colour spaces.

Definitions :

- The CIE L*a*b* colour space

The L*a*b* space is a colorimetric system based on the visual perception of colours, optimised to measure colour differences. The L*a*b* values are useful to create a spot colour library in the RIP when you want to reproduce them. Using this method is recommended to take most advantage of the printable colour range of your printer.

- The CoatedFOGRA39 standard

The CMYK values match the primary ink quantities required to obtain the closest matching colour on an offset press, according to the CoatedFOGRA39 standard. As this colorimetric space features a limited colour range, many HFLEX 100P references are not reproducible in this system.

- The colorimetric spaces sRGB and ADOBE RGB (1998)

The RGB values match the level of red, green and blue light necessary for the reproduction of colours on a calibrated and standardised screen according to the sRGB or ADOBE RGB (1998) standard. The sRGB data are dedicated to the display on the internet.

The ADOBE RGB (1998) standard originates from the photography industry and the need for a RGB space dedicated to printing.

All values in this document are provided for information purposes and are non-binding by any means.

Reproducing a colour on a printing system requires to be accurately calibrated and characterised by an ICC profile adapted to this system.

The HEXIS ICC profiles, being available for free download, match your machine-media-RIP configuration and thus ensure a quality colour rendering. Each configuration requires the use of a different ICC profile.

These tools are available at the following address: <http://www.hexis-graphics.com/fr/iccs/index>

It is the responsibility of the user to check the printed colour against the reference of the colour chart in order to assess the differences in colours and their acceptability. All colours of the HEXIS HFLEX 100P colour chart cannot be printed on a large format plotter. Only those in the printer gamut can be printed.

HEXIS decline all liability for direct or indirect consequences of the use of these tables.

HFLEX 100P colour chart characterisation table

HFLEX 100P	Espace Colorimétrique												
	Lab D50 2°			CoatedFOGRA39				sRGB			Adobe RGB (1998)		
Référence	L	a	b	C	M	J	K	R	G	B	R	G	B
HFLEX101P	96,39	-1,01	-0,68	1	0	2	0	255	242	212	251	241	212
HFLEX102P	24,29	-0,08	0	68	59	57	65	61	57	48	62	59	52
HFLEX103P	53,32	-20,89	-50,83	89	24	0	0	0	138	188	74	137	184
HFLEX104P	39,06	-38,2	9,19	96	29	82	19	0	106	62	58	106	67
HFLEX105P	7,66	3,25	-18,63	98	82	51	87	19	22	41	26	28	45
HFLEX106P	34,75	-0,57	-41,68	97	67	9	0	53	83	130	65	83	127
HFLEX108P	45,76	59,92	31,76	11	95	76	2	201	43	49	171	47	52
HFLEX109P	37,19	28,24	8,19	31	76	52	34	134	66	64	119	68	66
HFLEX110P	81,81	24,87	80,2	0	32	87	0	255	181	0	251	180	29
HFLEX112P	50,96	-1,37	-1,47	51	39	40	21	126	121	106	123	120	106
HFLEX114P	30,74	14,54	-30,34	84	83	20	7	84	64	104	80	66	103
HFLEX115P	65,14	50,97	60,73	0	65	84	0	255	112	28	225	111	41
HFLEX119P	81,19	-1,26	52,94	11	13	70	0	227	198	75	219	197	88
HFLEX161P	73,15	35,56	5,9	0	50	16	0	249	151	146	226	149	145
HFLEX162P	46,9	54,86	1,06	17	88	26	4	194	58	96	168	61	95
HFLEX167P	75	-37,59	60,82	51	0	91	0	143	200	27	161	199	55
HFLEX120P	54,02	4,62	28,74	33	39	72	22	153	124	64	144	123	69
HFLEX130P	59,38	-0,96	-2,28	44	33	33	12	149	142	126	146	141	126
HFLEX143P	62,89	87,99	1,03	0	86	0	0	255	21	134	248	27	131
HFLEX140P	101,08	-27,2	95,77	18	0	100	0	246	255	0	251	255	14
HFLEX141P	81,07	-84,91	63,98	74	0	100	0	0	235	20	115	234	59

HFLEX 100P and PANTONE/RAL colour chart correspondence table

The colorimetric correspondences below, between the HFLEX 100P and PANTONE/RAL colours, as well as the colour differences stated in ΔE 2000, are provided for information purposes only and are not contractual.

It is the user's responsibility to visually compare the physical colour charts in order to assess the differences in colours and their acceptability. HEXIS decline all liability for direct or indirect consequences of the use of these tables.

For each match, a coloured icon tells you if the closest HEXIS colours are: very close (●), acceptable (●) or remote (●).

HFLEX 100P	PANTONE	ΔE 2000	=	RAL K7	ΔE 2000	=
HFLEX101P	PANTONE 7541 C	5,2	●	RAL 9003	5,4	●
HFLEX102P	PANTONE 447 C	3,8	●	RAL 7021	4,7	●
HFLEX103P	PANTONE 2193 C	1,3	●	RAL 5012	6,0	●
HFLEX104P	PANTONE 7728 C	1,7	●	RAL 6016	4,6	●
HFLEX105P	PANTONE 533 C	6,0	●	RAL 5011	4,5	●
HFLEX106P	PANTONE 7686 C	2,3	●	RAL 5007	5,6	●
HFLEX108P	PANTONE 1797 C	2,7	●	RAL 3018	4,6	●
HFLEX109P	PANTONE 4985 C	2,5	●	RAL 4002	5,4	●
HFLEX110P	PANTONE 1235 C	2,3	●	RAL 1028	4,7	●
HFLEX112P	PANTONE 424 C	3,5	●	RAL 7046	3,7	●
HFLEX114P	PANTONE 7672 C	2,5	●	RAL 5022	10,5	●
HFLEX115P	PANTONE 165 C	2,2	●	RAL 2008	3,1	●
HFLEX119P	PANTONE 459 C	1,2	●	RAL 1012	6,5	●
HFLEX161P	PANTONE 197 C	1,6	●	RAL 3015	4,8	●
HFLEX162P	PANTONE 7433 C	4,3	●	RAL 4010	2,1	●
HFLEX167P	PANTONE 368 C	3,9	●	RAL 6018	16,0	●
HFLEX120P	PANTONE 2326 C	5,2	●	RAL 8000	7,7	●
HFLEX130P	PANTONE 877 C	1,4	●	RAL 7045	0,8	●
HFLEX143P	PANTONE 212 C	5,2	●	RAL 4003	10,4	●
HFLEX140P	PANTONE 388 C	8,4	●	RAL 1026	7,5	●
HFLEX141P	PANTONE 2270 C	9,5	●	RAL 6019	20,8	●