

$$H^*_d = R00Y_d$$

A diagram of a hexagonal lattice. A red unit cell is highlighted, and a red arrow points from the center of the unit cell towards the top-right corner.

ORS20a; adapted (a) CIELAB data					
<i>Name</i>	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _d ,Ma	46.4	70.3	44.9	83.4	32
Y _d ,Ma	88.0	-6.8	89.7	90.0	94
G _d ,Ma	49.6	-65.0	27.6	70.6	157
C _d ,Ma	57.0	-29.7	-39.8	49.7	233
B _d ,Ma	25.8	26.0	-38.7	46.7	303
M _d ,Ma	47.2	78.3	-0.6	78.3	359
N _d ,Ma	23.6	0.0	0.0	0.0	0
W _d ,Ma	96.4	0.0	0.0	0.0	0
R _d ,CIE	39.9	58.7	27.9	65.0	25
Y _d ,CIE	81.2	-2.8	71.5	71.6	92
G _d ,CIE	52.2	-42.4	13.6	44.5	162
B _d ,CIE	30.5	1.4	-46.4	46.4	271

LabCh*_{d, Ma}: 46 70 44 83 32

*HIC**_{d,Ma}: R00Y_100_100_d

rgbic*d.Ma:

1.0 0.0 0.0 1.0 1.0

triangle lightness T^*

% Gamut

$$u^*_{rel} = 92$$

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 58$$

ORS20a; adapted (a) CIELAB data					
H^*_d	$L^*=L^*_a d^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
R00Y_100_100 _d	46.4	70.3	44.9	83.4	32
R25Y_100_100 _d	54.2	52.8	53.7	75.3	45
R50Y_100_100 _d	66.4	28.5	66.7	72.5	66
R75Y_100_100 _d	79.7	5.8	81.0	81.2	85
Y00G_100_100 _d	88.0	-6.8	89.7	90.0	94
Y25G_100_100 _d	81.0	-13.5	78.3	79.5	99
Y50G_100_100 _d	70.6	-26.9	62.2	67.8	113
Y75G_100_100 _d	57.9	-47.3	43.7	64.5	137
G00B_100_100 _d	49.6	-65.0	27.6	70.6	157
G25B_100_100 _d	53.0	-48.2	-10.8	49.4	192
G50B_100_100 _d	57.0	-29.7	-39.8	49.7	233
G75B_100_100 _d	43.1	-6.3	-39.3	39.8	260
B00R_100_100 _d	25.8	26.0	-38.7	46.7	303
B25R_100_100 _d	36.7	56.5	-19.8	59.9	340
B50R_100_100 _d	47.2	78.3	-0.6	78.3	359
B75R_100_100 _d	46.7	74.0	19.0	76.4	14

