

Converting Colors

HunterLab(65.5197, -45.0530,
17.4078)

Have a look what the booklet for
HunterLab(65.5197, -45.0530,
17.4078) contains.

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Color

**HunterLab(65.5316,
-45.1245, 17.4907)**

Conversions

Conversions Part 1

Format	Color
Hex	1BC78B
RGB	27, 199, 139
RGB Percent	11%, 78%, 55%
CMY	0.8941, 0.2196, 0.4549
CMYK	0.86, 0.00, 0.30, 0.22
HSL	159°, 76%, 44%
HSV	159°, 86%, 78%
XYZ	25.5356, 42.9439, 31.3692
YIQ	140.7320, -83.2520, -55.1240

Conversions

Conversions Part 2

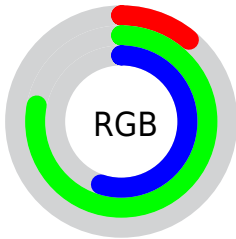
Format	Color
RYB	27, 131, 199
Decimal	1820555
CIELab	71.52, -54.60, 18.80
CIELCh	72, 57.743, 161.000
Yxy	42.9456, 0.2557, 0.4301
Android (android.graphics.Color)	4280010635 (0xFF1BC78B)
YUV	140.7320, -0.8539, -99.7430
Hunter-Lab	65.5316, -45.1245, 17.4907

Details

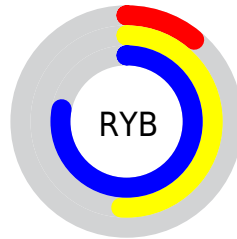
The HunterLab color **65.5316, -45.1245, 17.4907** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.8987, 59.5928, 9.2880**, and the grayscale version is **51.5317, -2.7496, 2.7998**.

A 20% lighter version of the original color is **88.5980, -51.3912, 19.9313**, and **45.4618, -33.3196, 15.1041** is the 20% darker color. If you saturate the color by 10%, you get **65.2394, -46.6369, 19.5253**, and if you desaturate by 10%, it is **65.9728, -43.0050, 15.4802**.

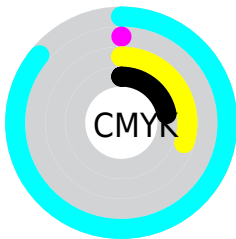
Distribution



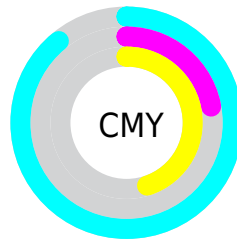
- Red (11%)
- Green (78%)
- Blue (55%)



- Red (11%)
- Yellow (51%)
- Blue (78%)



- Cyan (86%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (89%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5316, -45.1245, 17.4907 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 65.5316, -45.1245, 17.4907 by changing the saturation by 10% instead.

■ 65.5316, -45.1245,
17.4907

■ 65.5316, -45.1245,
17.4907

189.3114,
-74.0752, 31.4698

■ 54.6282, -41.3313,
15.8600

■ 89.2350, -52.2171,
20.6662

■ 44.4061, -37.3160,
14.1835

■ 101.9694,
-55.5735, 22.2261

■ 34.9156, -33.0147,
12.4429

■ 115.2578,
-58.8309, 23.7751

■ 26.2181, -28.3321,
10.6094

■ 129.0781,
-62.0047, 25.3171

■ 18.3939, -23.1197,
8.6369

■ 143.4104,
-65.1069, 26.8553

■ 11.5542, -20.2198,
7.7079

158.2371,

■ 4.0995, -7.1741,

-68.1475, 28.3922

2.8696

173.5423,
-71.1347, 29.9299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5316, -45.1245,
17.4907

■ 65.5316, -45.1245,
17.4907

■ 65.2394, -46.6369,
19.5253

■ 65.9728, -43.0050,
15.4802

■ 65.1527, -47.0990,
20.2379

■ 66.5816, -40.2019,
13.5306

■ 67.3741, -36.6803,
11.6753

■ 68.3605, -32.4320,
9.9434

■ 69.5469, -27.4715,

8.3596

■ 70.9360, -21.8315,
6.9438

■ 72.5276, -15.5590,
5.7108

■ 74.3191, -8.7103,
4.6705

■ 76.3059, -1.3472,
3.8280

Harmonies

Analogous

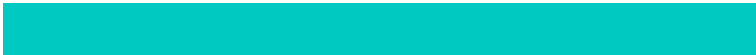
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.5329, -33.7449, 30.6550



65.5316, -45.1245, 17.4907



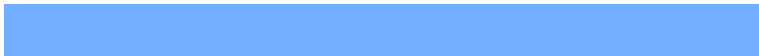
65.5329, -46.4649, -6.3933

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.5329, -45.1250, 17.4913



65.5329, 6.5291, -64.2607



65.5329, 39.6553, 28.1007

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.5316, -45.1245, 17.4907



36.8987, 59.5928, 9.2880

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5329, 54.5259, 12.1742



65.5316, -45.1245, 17.4907



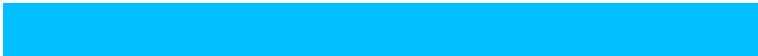
65.5329, 33.4721, -44.6934

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5329, -45.1250, 17.4913



65.5329, -19.3079, -60.9752



65.5329, 52.0983, -14.2970



65.5329, 13.9643, 34.8775

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5316, -45.1245, 17.4907



65.5329, -41.7730, -26.7015



65.5329, 52.0983, -14.2970



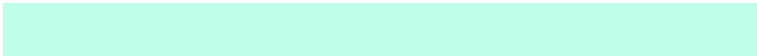
65.5329, 46.2568, 23.9754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.5329, -45.1250, 17.4913



93.8719, -28.8508, 9.1799



65.5467, -47.7913, 38.6145



43.1162, -14.6076, 4.5391

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5329, -45.1250, 17.4913



86.1828, -62.4908, 27.1787



58.5852, -24.0857, -19.0066



34.6443, -5.0671, 2.3281



52.2605, -37.6669, 15.9909



11.4303, -7.8384, 2.6341

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.8987, 59.5928, 9.2880



46.8834, 81.8262, 18.3812



38.4063, 49.0567, 22.9231



32.7063, 1.6199, 1.4194



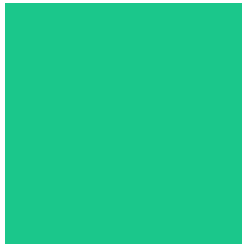
28.4647, 49.7821, 10.3667



6.3037, 11.2342, 0.6707

Previews

White Background



This preview shows how the HunterLab color 65.5316, -45.1245, 17.4907 looks on a white background.

Color Contrast Check

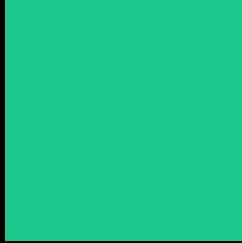
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 65.5316, -45.1245, 17.4907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

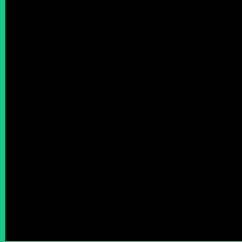
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 65.5316, -45.1245, 17.4907 Background



This preview shows how black text looks on a background with the HunterLab color 65.5316, -45.1245, 17.4907.



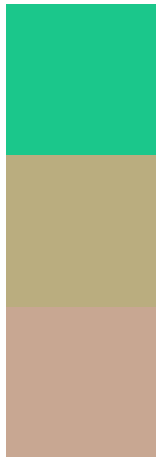
This preview shows how white text looks on a background with the HunterLab color 65.5316,

-45.1245, 17.4907.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.5316, -45.1245, 17.4907

Protanopia

64.6982, -5.5559, 21.3692

Deuteranopia

64.8013, 4.5663, 15.1289



Tritanopia

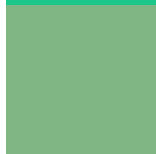
65.2861, -26.3417, -13.2617

Trichromacy



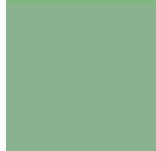
Original Color

65.5316, -45.1245, 17.4907



Protanomaly

62.9951, -26.0089, 18.1521



Deuteranomaly

62.8822, -20.9260, 13.8793



Tritanomaly

65.0612, -34.0492, -0.8360

Monochromacy



Original Color

65.5316, -45.1245, 17.4907



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.1756, -22.4421, 6.9450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5316, -45.1245, 17.4907 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(27, 199, 139)` looks like.

```
.text, #text, p{  
    color:rgb(27, 199, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(27, 199, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 199, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5316, -45.1245, 17.4907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(27, 199, 139) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(27, 199, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(27, 199, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 199, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 199, 139);  
box-shadow:4px 4px 4px 4px rgb(27, 199,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5316, -45.1245, 17.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 199, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(27, 199,  
139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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