

Converting Colors

HunterLab(65.0158, -29.7688,
4.8603)

Have a look what the booklet for
HunterLab(65.0158, -29.7688,
4.8603) contains.

HunterLab(65.0158, -29.7688, 4.8603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.0158,
-29.7688, 4.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	61BEAA
RGB	97, 190, 170
RGB Percent	38%, 75%, 67%
CMY	0.6196, 0.2549, 0.3333
CMYK	0.49, 0.00, 0.11, 0.25
HSL	167°, 42%, 56%
HSV	167°, 49%, 75%
XYZ	30.5989, 42.2705, 44.5765
YIQ	159.9130, -49.0080, -25.9360

Conversions

Conversions Part 2

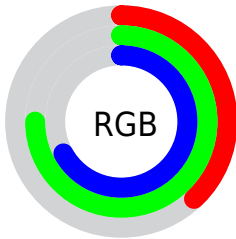
Format	Color
RYB	97, 149, 190
Decimal	6405802
CIELab	71.06, -32.56, 1.59
CIElCh	71, 32.602, 177.200
Yxy	42.2722, 0.2605, 0.3599
Android (android.graphics.Color)	4284595882 (0xFF61BEAA)
YUV	159.9130, 4.9729, -55.1747
Hunter-Lab	65.0158, -29.7688, 4.8603

Details

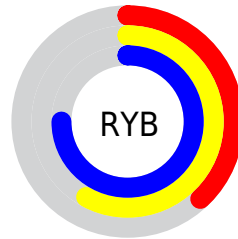
The HunterLab color **65.0158, -29.7688, 4.8603** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.5873, 32.6858, 6.7726**, and the grayscale version is **59.2505, -3.1615, 3.2192**.

A 20% lighter version of the original color is **88.7300, -34.5978, 6.4701**, and **43.9427, -24.7540, 3.5183** is the 20% darker color. If you saturate the color by 10%, you get **64.1858, -33.2578, 5.6819**, and if you desaturate by 10%, it is **66.0310, -25.6282, 4.2427**.

Distribution



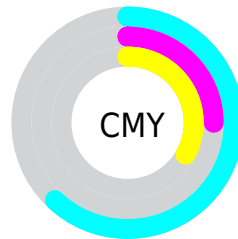
- Red (38%)
- Green (75%)
- Blue (67%)



- Red (38%)
- Yellow (58%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (62%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0158, -29.7688, 4.8603 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 65.0158, -29.7688, 4.8603 by changing the saturation by 10% instead.

■ 65.0158, -29.7688,
4.8603

■ 65.0158, -29.7688,
4.8603

188.5763,
-49.3027, 12.1603

■ 54.1429, -27.3468,
4.1892

■ 88.6631, -34.3861,
6.2952

■ 43.9532, -24.8180,
3.5491

■ 101.3715,
-36.6105, 7.0551

■ 34.4977, -22.1484,
2.9421

■ 114.6349,
-38.7930, 7.8424

■ 25.8384, -19.2848,
2.3697

■ 128.4312,
-40.9415, 8.6561

■ 18.0567, -16.1403,
1.8331

142.7404,
-43.0622, 9.4955

■ 11.2658, -13.8741,
1.3330

157.5447,

■ 3.4227, -5.9897,

-45.1599, 10.3598

2.1153

172.8282,
-47.2390, 11.2482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0158, -29.7688,
4.8603

■ 65.0158, -29.7688,
4.8603

■ 64.1858, -33.2578,
5.6819

■ 66.0310, -25.6282,
4.2427

■ 63.5301, -36.0907,
6.6886

■ 67.2316, -20.8544,
3.8375

■ 63.0391, -38.2867,
7.8595

■ 68.6199, -15.4824,
3.6513

■ 62.6972, -39.8898,
9.1669


■ 70.1947, -9.5570,
3.6850


■ 62.4735, -41.0139,


■ 71.9528, -3.1298,


10.5663


3.9352

 62.4521, -41.1232,
10.7135

 73.8894, 3.7440,
4.3952

 75.9983, 11.0090,
5.0555

 78.2728, 18.6112,
5.9048

 79.1091, 21.5129,
4.9867

Harmonies

Analogous

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



65.0171, -25.9177, 16.6800



65.0158, -29.7688, 4.8603



65.0171, -27.1192, -10.2447

Triad

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



65.0171, -29.7694, 4.8611



65.0171, 10.1981, -25.7886



65.0171, 12.8467, 22.5867

Complementary

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



65.0158, -29.7688, 4.8603



45.5873, 32.6858, 6.7726

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.



65.0171, 24.1260, 14.8405



65.0158, -29.7688, 4.8603



65.0171, 22.5023, -13.0884

Square

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



65.0171, -29.7694, 4.8611



65.0171, -4.8713, -30.1332



65.0171, 27.8081, 2.1886



65.0171, -2.0620, 25.3586

Rectangle

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



65.0158, -29.7688, 4.8603



65.0171, -21.8769, -19.8964



65.0171, 27.8081, 2.1886



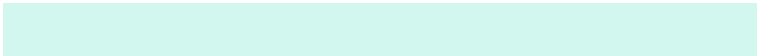
65.0171, 17.2380, 20.5783

Sweetspot

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



65.0171, -29.7694, 4.8611



93.1277, -17.9705, 4.8976



64.4081, -35.3127, 28.6584



43.4339, -9.2024, 2.2975



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



65.0171, -29.7694, 4.8611



86.3032, -45.1940, 7.7744



57.1720, -14.3846, -15.5446



32.8229, -4.5892, 1.7221



50.9368, -33.4618, 8.5678



10.1254, -6.3546, 1.0619

Inverse Universe

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



45.5873, 32.6858, 6.7726



55.6001, 54.8585, 11.6349



51.0533, 17.3676, 18.6281



30.9339, 1.3299, 1.8252



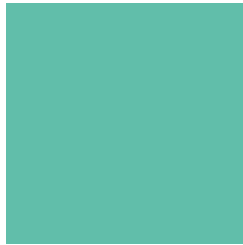
27.1933, 46.9941, 14.2790



5.4732, 9.6365, 1.4940

Previews

White Background



This preview shows how the HunterLab color 65.0158, -29.7688, 4.8603 looks on a white background.

Color Contrast Check

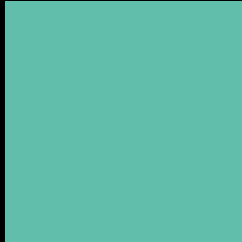
Large Text (above 18pt) WCAG AA × Fail

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 65.0158, -29.7688, 4.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

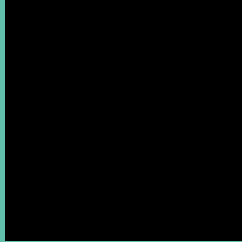
Any Text WCAG AA ✓ Pass

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 65.0158, -29.7688, 4.8603 Background



This preview shows how black text looks on a background with the HunterLab color 65.0158, -29.7688, 4.8603.



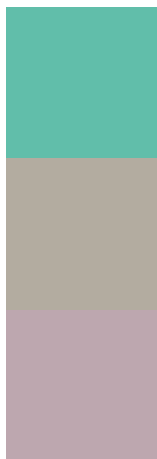
This preview shows how white text looks on a background with the HunterLab color 65.0158,

-29.7688, 4.8603.

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

65.0158, -29.7688, 4.8603

Protanopia

64.5188, -3.1056, 9.1395

Deuteranopia

64.4604, 5.0016, 2.5034



Tritanopia

65.1145, -20.6210, -10.5532

Trichromacy



Original Color

65.0158, -29.7688, 4.8603

Protanomaly

64.2729, -14.6768, 6.9487

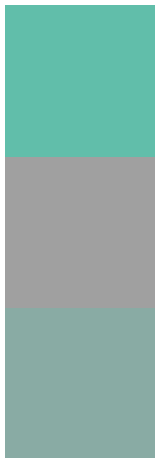
Deuteranomaly

63.8318, -9.4043, 2.4461

Tritanomaly

64.9168, -23.8053, -4.9080

Monochromacy



Original Color

65.0158, -29.7688, 4.8603

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.9299, -14.1098, 3.1210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0158, -29.7688, 4.8603 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(97, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(97, 190, 170)  
}
```

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(97, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 190, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0158, -29.7688, 4.8603 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(97, 190, 170) }
```


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

```
.border{ border-color:rgb(97, 190, 170) }
```

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

Here you see how a box with a 4 pixel rgb(97, 190, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(97, 190,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0158, -29.7688, 4.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 190, 170) }
```

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

```
.background{ background-color: rgb(97, 190,  
170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor