

Converting Colors

HunterLab(64.6681, -43.6793,
2.1787)

Have a look what the booklet for
HunterLab(64.6681, -43.6793,
2.1787) contains.

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Color

**HunterLab(65.5656,
-39.5829, 3.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5AE
RGB	0, 197, 174
RGB Percent	0%, 77%, 68%
CMY	0.9999, 0.2274, 0.3176
CMYK	1.00, 0.00, 0.12, 0.23
HSL	173°, 100%, 39%
HSV	173°, 100%, 77%
XYZ	27.6062, 42.9885, 46.8870
YIQ	135.4750, -110.0290, -48.9170

Conversions

Conversions Part 2

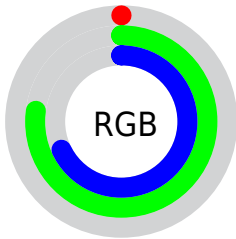
Format	Color
RYB	0, 105, 197
Decimal	50606
CIELab	71.55, -46.23, -0.08
CIELCh	72, 46.233, 180.105
Yxy	42.9901, 0.2350, 0.3659
Android (android.graphics.Color)	4278240686 (0xFF00C5AE)
YUV	135.4750, 18.9928, -118.8116
Hunter-Lab	65.5656, -39.5829, 3.4967

Details

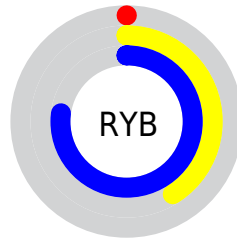
The HunterLab color **65.5656, -39.5829, 3.4967** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.5447, 59.3334, 20.9309**, and the grayscale version is **49.3731, -2.6344, 2.6825**.

A 20% lighter version of the original color is **89.0873, -45.5735, 4.7627**, and **45.5534, -28.0500, 3.6142** is the 20% darker color. If you saturate the color by 10%, you get **65.5666, -39.5844, 3.4988**, and if you desaturate by 10%, it is **65.7467, -38.7219, 2.6530**.

Distribution



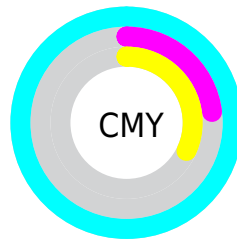
- Red (0%)
- Green (77%)
- Blue (68%)



- Red (0%)
- Yellow (41%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.5656, -39.5829, 3.4967 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 65.5656, -39.5829, 3.4967 by changing the saturation by 10% instead.


 65.5656, -39.5829,
3.4967


 65.5656, -39.5829,
3.4967


189.3597,
-64.8918, 10.2055


 54.6602, -36.3224,
2.9080


 89.2726, -45.7147,
4.7801


 44.4359, -32.8858,
2.3559


 102.0087,
-48.6327, 5.4697


 34.9431, -29.2204,
1.8440


 115.2988,
-51.4743, 6.1897

 26.2431, -25.2469,
1.3757

 129.1206,
-54.2519, 6.9388

 18.4161, -20.8390,
0.9556

 143.4545,
-56.9751, 7.7158

 11.5732, -18.9186,
0.5898

158.2827,

 4.1401, -7.2451,

-59.6520, 8.5198

0.1403

173.5893,
-62.2890, 9.3500

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5656, -39.5829,
3.4967

■ 65.5656, -39.5829,
3.4967

■ 65.5666, -39.5844,
3.4988

■ 65.7467, -38.7219,
2.6530

■ 66.0396, -37.4100,
1.9383

■ 66.4830, -35.5060,
1.4052

■ 67.0942, -32.9570,
1.0792

■ 67.8854, -29.7361,

0.9787

■ 68.8652, -25.8386,
1.1153

■ 70.0383, -21.2786,
1.4946

■ 71.4070, -16.0859,
2.1162

■ 72.9705, -10.3021,
2.9750

Harmonies

Analogous

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



65.5668, -35.3161, 20.1452



65.5656, -39.5829, 3.4967



65.5668, -35.2561, -19.0903

Triad

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



65.5668, -39.5831, 3.4975



65.5668, 18.2920, -39.7809



65.5668, 18.1454, 29.1265

Complementary

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



65.5656, -39.5829, 3.4967



34.5447, 59.3334, 20.9309

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.



65.5668, 35.7498, 20.2340



65.5656, -39.5829, 3.4967



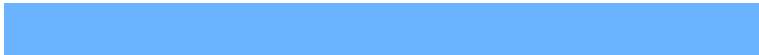
65.5668, 35.8417, -18.9256

Square

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



65.5668, -39.5831, 3.4975



65.5668, -3.4268, -48.4533



65.5668, 42.5974, 3.6404



65.5668, -3.5771, 31.7661

Rectangle

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



65.5656, -39.5829, 3.4967



65.5668, -27.7186, -33.8325



65.5668, 42.5974, 3.6404



65.5668, 24.8358, 26.9461

Sweetspot

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



65.5668, -39.5831, 3.4975



93.6494, -28.7864, 1.9687



63.3699, -53.4329, 38.1120



43.0032, -14.5676, 0.7949

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.5668, -39.5831, 3.4975



87.7316, -53.0591, 4.8825



43.1776, -3.6917, -45.9965



34.7065, -4.7209, 1.4409



53.1822, -32.0575, 2.7299



11.5992, -6.8146, 0.2127

Inverse Universe

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



34.5447, 59.3334, 20.9309



46.2089, 79.3345, 28.3056



40.6674, 40.1469, 25.7606



32.6447, 1.2883, 2.2987



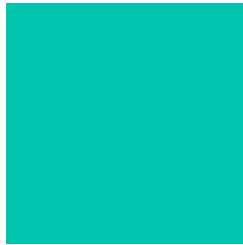
28.0265, 48.1648, 16.8042



6.1549, 10.6889, 2.8266

Previews

White Background



This preview shows how the HunterLab color 65.5656, -39.5829, 3.4967 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 65.5656, -39.5829, 3.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

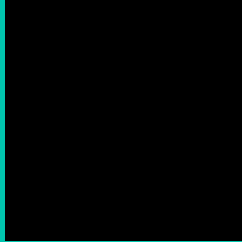
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

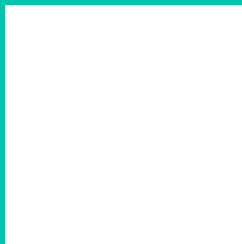
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.5656, -39.5829, 3.4967 Background



This preview shows how black text looks on a background with the HunterLab color 65.5656, -39.5829, 3.4967.



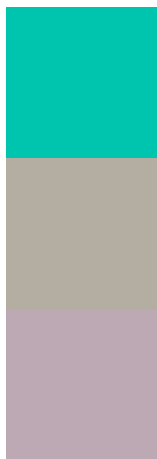
This preview shows how white text looks on a background with the HunterLab color 65.5656, -39.5829, 3.4967.

-39.5829, 3.4967.

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

65.5656, -39.5829, 3.4967

Protanopia

64.9335, -3.1281, 9.1693

Deuteranopia

65.0865, 4.4793, 0.8500



Tritanopia

65.5617, -28.5593, -14.0671

Trichromacy



Original Color

65.5656, -39.5829, 3.4967



Protanomaly

63.1300, -23.7265, 4.6030



Deuteranomaly

62.8073, -19.2474, -1.3961



Tritanomaly

65.4923, -33.1657, -7.5033

Monochromacy



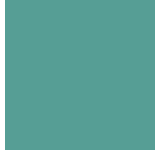
Original Color

65.5656, -39.5829, 3.4967



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.4809, -21.8676, 1.0496

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5656, -39.5829, 3.4967 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(0, 197, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 174)  
}
```

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(0, 197, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5656, -39.5829, 3.4967 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(0, 197, 174) }
```


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

```
.border{ border-color:rgb(0, 197, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5656, -39.5829, 3.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 174) }
```

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

```
.background{ background-color: rgb(0, 197,  
174) }
```

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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