

Converting Colors

HunterLab(65.3878, -39.0482,
2.5649)

Have a look what the booklet for
HunterLab(65.3878, -39.0482,
2.5649) contains.

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Color

**HunterLab(65.2797,
-38.8350, 2.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4B0
RGB	0, 196, 176
RGB Percent	0%, 77%, 69%
CMY	0.9999, 0.2314, 0.3098
CMYK	1.00, 0.00, 0.10, 0.23
HSL	174°, 100%, 38%
HSV	174°, 100%, 77%
XYZ	27.5764, 42.6144, 47.8462
YIQ	135.1160, -110.3960, -47.7720

Conversions

Conversions Part 2

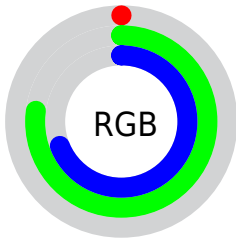
Format	Color
RYB	0, 103, 196
Decimal	50352
CIELab	71.29, -45.25, -1.55
CIELCh	71, 45.281, 181.958
Yxy	42.6160, 0.2336, 0.3610
Android (android.graphics.Color)	4278240432 (0xFF00C4B0)
YUV	135.1160, 20.1558, -118.4967
Hunter-Lab	65.2797, -38.8350, 2.2397

Details

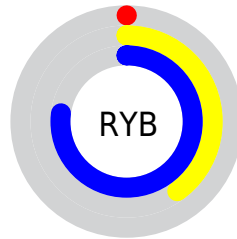
The HunterLab color **65.2797, -38.8350, 2.2397** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **34.3329, 58.9382, 21.0419**, and the grayscale version is **49.2268, -2.6266, 2.6746**.

A 20% lighter version of the original color is **88.8265, -44.5799, 2.9959**, and **45.2824, -27.3568, 2.4564** is the 20% darker color. If you saturate the color by 10%, you get **65.2807, -38.8365, 2.2417**, and if you desaturate by 10%, it is **65.4526, -38.0241, 1.5113**.

Distribution



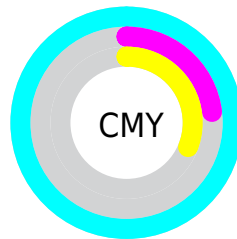
- Red (0%)
- Green (77%)
- Blue (69%)



- Red (0%)
- Yellow (40%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.2797, -38.8350, 2.2397 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 65.2797, -38.8350, 2.2397 by changing the saturation by 10% instead.


 65.2797, -38.8350,
2.2397


 65.2797, -38.8350,
2.2397


188.9524,
-63.7375, 8.4238


 54.3911, -35.6322,
1.7236


 88.9557, -44.8615,
3.3893


 44.1848, -32.2573,
1.2488


 101.6774,
-47.7308, 4.0166

 34.7114, -28.6587,
0.8200


 114.9536,
-50.5261, 4.6769

 26.0325, -24.7581,
0.4422

 128.7622,
-53.2593, 5.3684

 18.2290, -20.4304,
0.1222

 143.0832,
-55.9399, 6.0900

 11.4131, -18.6653,
-0.1296

157.8990,

 3.7843, -6.6225,

-58.5757, 6.8405

-1.4886

173.1936,
-61.1731, 7.6187

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.2797, -38.8350,
2.2397

■ 65.2797, -38.8350,
2.2397

■ 65.2807, -38.8365,
2.2417

■ 65.4526, -38.0241,
1.5113

■ 65.7362, -36.7679,
0.9158

■ 66.1690, -34.9255,
0.5052

■ 66.7683, -32.4439,
0.3044

■ 67.5464, -29.2957,

0.3309

■ 68.5115, -25.4755,
0.5952

■ 69.6688, -20.9968,
1.1017

■ 71.0203, -15.8884,
1.8492

■ 72.5655, -10.1908,
2.8317

Harmonies

Analogous

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



65.2809, -35.1623, 19.0255



65.2797, -38.8350, 2.2397



65.2809, -34.0659, -19.9556

Triad

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



65.2809, -38.8352, 2.2405



65.2809, 19.0541, -37.6572



65.2809, 16.3948, 28.9996

Complementary

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



65.2797, -38.8350, 2.2397



34.3329, 58.9382, 21.0419

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.



65.2809, 34.0202, 20.6505



65.2797, -38.8350, 2.2397



65.2809, 35.6857, -16.9770

Square

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



65.2809, -38.8352, 2.2405



65.2809, -2.1150, -47.0374



65.2809, 41.4744, 4.8396



65.2809, -4.8472, 31.2836

Rectangle

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



65.2797, -38.8350, 2.2397



65.2809, -26.3452, -34.0615



65.2809, 41.4744, 4.8396



65.2809, 23.0265, 26.9725

Sweetspot

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



65.2809, -38.8352, 2.2405



93.6864, -28.5742, 1.4420



62.9779, -53.2647, 37.8733



43.0228, -14.4549, 0.5167

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.2809, -38.8352, 2.2405



87.8497, -52.3478, 3.1995



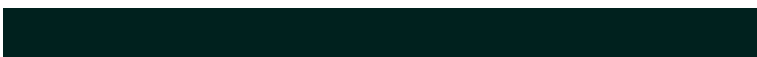
41.9902, -2.1194, -47.9062



33.7789, -4.5638, 1.3482



52.3345, -31.0880, 1.6965



10.9023, -6.3182, 0.0122

Inverse Universe

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



34.3329, 58.9382, 21.0419



46.1895, 79.2627, 28.5929



40.9749, 38.4761, 25.9208



31.7714, 1.2234, 2.2888



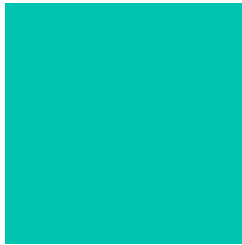
27.5306, 47.2873, 16.7026



5.7726, 10.0142, 2.7344

Previews

White Background



This preview shows how the HunterLab color 65.2797, -38.8350, 2.2397 looks on a white background.

Color Contrast Check

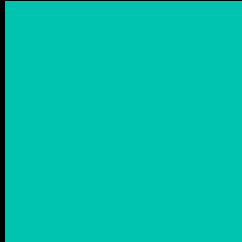
Large Text (above 18pt) WCAG AA × Fail

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 65.2797, -38.8350, 2.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

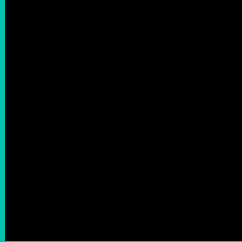
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

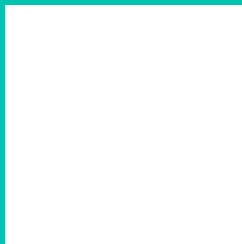
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.2797, -38.8350, 2.2397 Background



This preview shows how black text looks on a background with the HunterLab color 65.2797, -38.8350, 2.2397.



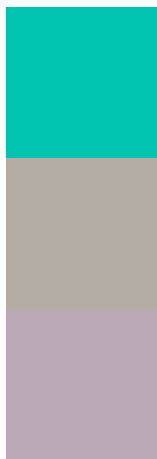
This preview shows how white text looks on a background with the HunterLab color 65.2797,

-38.8350, 2.2397.

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

65.2797, -38.8350, 2.2397

Protanopia

64.8962, -3.1482, 8.2767

Deuteranopia

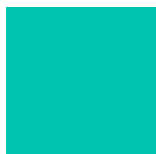
64.6698, 4.6760, -0.6433



Tritanopia

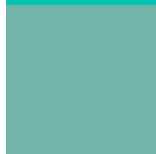
65.4846, -28.9320, -13.6025

Trichromacy



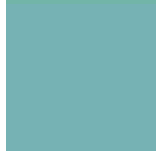
Original Color

65.2797, -38.8350, 2.2397



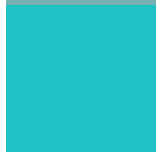
Protanomaly

62.8111, -23.1542, 3.3295



Deuteranomaly

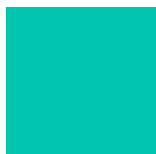
62.4401, -18.8486, -2.8563



Tritanomaly

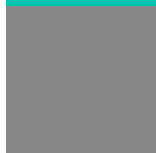
65.1403, -32.8037, -7.9694

Monochromacy



Original Color

65.2797, -38.8350, 2.2397



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.1925, -21.2749, 0.2427

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.2797, -38.8350, 2.2397 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, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 176)  
}
```

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, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 65.2797, -38.8350, 2.2397 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, 196, 176) }
```


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

```
.border{ border-color:rgb(0, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.2797, -38.8350, 2.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 176) }
```

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

```
.background{ background-color: rgb(0, 196,  
176) }
```

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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