

Converting Colors

HunterLab(68.7213, -38.2800,
-1.4167)

Have a look what the booklet for
HunterLab(68.7213, -38.2800,
-1.4167) contains.

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Color

**HunterLab(68.7201,
-38.2851, -1.3511)**

Conversions

Conversions Part 1

Format	Color
Hex	1BCCCC
RGB	27, 204, 192
RGB Percent	11%, 80%, 75%
CMY	0.8940, 0.2000, 0.2471
CMYK	0.87, 0.00, 0.06, 0.20
HSL	176°, 77%, 45%
HSV	176°, 87%, 80%
XYZ	31.5593, 47.2245, 57.3210
YIQ	149.7090, -101.6400, -41.2560

Conversions

Conversions Part 2

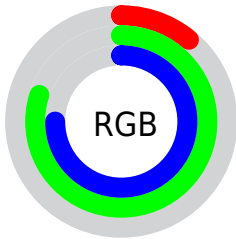
Format	Color
RYB	27, 119, 204
Decimal	1821888
CIELab	74.33, -43.14, -5.74
CIELCh	74, 43.516, 187.584
Yxy	47.2263, 0.2319, 0.3470
Android (android.graphics.Color)	4280011968 (0xFF1BCCC0)
YUV	149.7090, 20.8495, -107.6158
Hunter-Lab	68.7201, -38.2851, -1.3511

Details

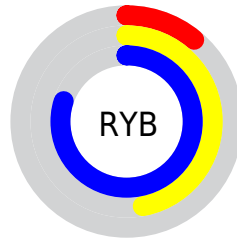
The HunterLab color **68.7201, -38.2851, -1.3511** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **37.1069, 58.5065, 20.8194**, and the grayscale version is **55.0592, -2.9378, 2.9915**.

A 20% lighter version of the original color is **90.3752, -41.1146, -3.2921**, and **48.3311, -27.6748, -0.6677** is the 20% darker color. If you saturate the color by 10%, you get **68.5381, -39.1054, -0.9007**, and if you desaturate by 10%, it is **69.0427, -36.9198, -1.6214**.

Distribution



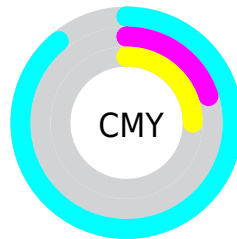
- Red (11%)
- Green (80%)
- Blue (75%)



- Red (11%)
- Yellow (47%)
- Blue (80%)



- Cyan (87%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7201, -38.2851, -1.3511 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 68.7201, -38.2851, -1.3511 by changing the saturation by 10% instead.

■ 68.7201, -38.2851,
-1.3511

■ 68.7201, -38.2851,
-1.3511

193.8342,
-62.1195, 3.4879

■ 57.6321, -35.2565,
-1.6856

■ 92.7639, -44.0121,
-0.5399

■ 47.2132, -32.0790,
-1.9689

■ 105.6567,
-46.7498, -0.0714

■ 37.5111, -28.7090,
-2.1945

■ 119.0971,
-49.4228, 0.4358

■ 28.5831, -25.0815,
-2.3553

■ 133.0634,
-52.0414, 0.9797

■ 20.5033, -21.0945,
-2.4416

■ 147.5367,
-54.6141, 1.5583

■ 13.3725, -17.3247,
-2.4398

162.4997,

■ 6.9270, -12.1222,

-57.1477, 2.1702

-3.0597

177.9370,
-59.6479, 2.8138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7201, -38.2851,
-1.3511

■ 68.7201, -38.2851,
-1.3511

■ 68.5381, -39.1054,
-0.9007

■ 69.0427, -36.9198,
-1.6214

■ 68.4926, -39.3162,
-0.7374

■ 69.5265, -34.9223,
-1.6806

■ 70.1891, -32.2444,
-1.5058

■ 71.0424, -28.8630,
-1.0829

■ 72.0942, -24.7770,

-0.4052

■ 73.3490, -20.0042,
0.5276

■ 74.8083, -14.5776,
1.7101

■ 76.4709, -8.5419,
3.1323

■ 78.3337, -1.9498,
4.7807

Harmonies

Analogous

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



68.7214, -36.2027, 16.4637



68.7201, -38.2851, -1.3511



68.7214, -31.9860, -23.0246

Triad

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



68.7214, -38.2853, -1.3502



68.7214, 21.8341, -32.7342



68.7214, 11.8804, 30.0025

Complementary

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



68.7201, -38.2851, -1.3511



37.1069, 58.5065, 20.8194

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.



68.7214, 30.1322, 22.7758



68.7201, -38.2851, -1.3511



68.7214, 36.3288, -12.0040

Square

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



68.7214, -38.2853, -1.3502



68.7214, 1.5651, -44.2715



68.7214, 39.5297, 8.4697



68.7214, -8.7539, 31.3352

Rectangle

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



68.7201, -38.2851, -1.3511



68.7214, -23.3954, -35.6373



68.7214, 39.5297, 8.4697



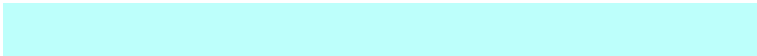
68.7214, 18.5653, 28.3104

Sweetspot

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



68.7214, -38.2853, -1.3502



94.4639, -25.4685, 0.7359



66.1466, -54.3996, 38.8764



43.4255, -12.8313, 0.1262

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7214, -38.2853, -1.3502



88.1339, -50.6395, -0.8437



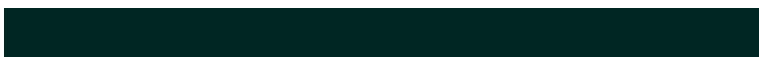
45.4176, -3.3560, -46.6508



35.6559, -4.7808, 1.2826



54.3431, -31.1604, -0.6579



12.3594, -6.9794, -0.3817

Inverse Universe

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



37.1069, 58.5065, 20.8194



46.1534, 79.1288, 29.1281



47.0939, 30.2765, 28.2422



33.5049, 1.2625, 2.5501



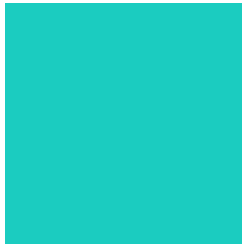
28.4688, 48.8405, 17.7227



6.5002, 11.2192, 3.5224

Previews

White Background



This preview shows how the HunterLab color 68.7201, -38.2851, -1.3511 looks on a white background.

Color Contrast Check

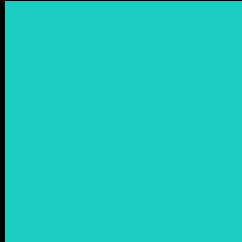
Large Text (above 18pt) WCAG AA × Fail

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 68.7201, -38.2851, -1.3511 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

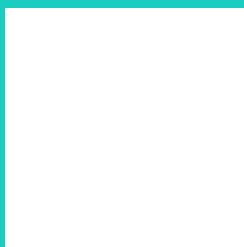
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.7201, -38.2851, -1.3511 Background



This preview shows how black text looks on a background with the HunterLab color 68.7201, -38.2851, -1.3511.



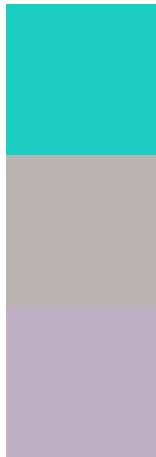
This preview shows how white text looks on a background with the HunterLab color 68.7201,

-38.2851, -1.3511.

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

68.7201, -38.2851, -1.3511

Protanopia

67.9494, -2.3672, 5.0768

Deuteranopia

67.9737, 5.0051, -4.6281



Tritanopia

68.6114, -29.9323, -14.9732

Trichromacy



Original Color

68.7201, -38.2851, -1.3511



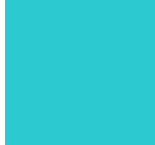
Protanomaly

66.6358, -21.1238, 0.8297



Deuteranomaly

66.2787, -16.6559, -6.1688



Tritanomaly

68.4564, -32.9416, -10.0782

Monochromacy



Original Color

68.7201, -38.2851, -1.3511



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.7106, -20.6788, -0.1335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7201, -38.2851, -1.3511 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, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(27, 204, 192)  
}
```

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, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 204, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7201, -38.2851, -1.3511 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, 204, 192) }
```


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

```
.border{ border-color:rgb(27, 204, 192) }
```

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

Here you see how a box with a 4 pixel rgb(27, 204, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(27, 204,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7201, -38.2851, -1.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 204, 192) }
```

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

```
.background{ background-color: rgb(27, 204,  
192) }
```

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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