

Converting Colors

HunterLab(66.0003, -42.4907,
-10.9532)

Have a look what the booklet for
HunterLab(66.0003, -42.4907,
-10.9532) contains.

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Color

**HunterLab(67.8860,
-35.5373, -8.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	00C9CB
RGB	0, 201, 203
RGB Percent	0%, 79%, 80%
CMY	0.9998, 0.2118, 0.2039
CMYK	1.00, 0.01, 0.00, 0.20
HSL	181°, 100%, 40%
HSV	181°, 100%, 80%
XYZ	31.6661, 46.0851, 63.7263
YIQ	141.1290, -120.4380, -41.9900

Conversions

Conversions Part 2

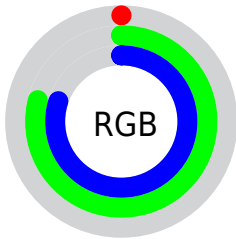
Format	Color
RYB	0, 101, 203
Decimal	51659
CIELab	73.60, -39.59, -12.81
CIELCh	74, 41.609, 197.931
Yxy	46.0868, 0.2238, 0.3257
Android (android.graphics.Color)	4278241739 (0xFF00C9CB)
YUV	141.1290, 30.5024, -123.7701
Hunter-Lab	67.8860, -35.5373, -8.1368

Details

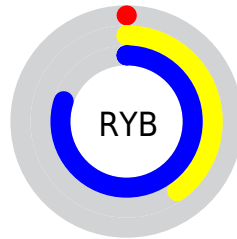
The HunterLab color **67.8860, -35.5373, -8.1368** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **35.6948, 60.8093, 23.0574**, and the grayscale version is **51.5838, -2.7524, 2.8026**.

A 20% lighter version of the original color is **90.4457, -40.3520, -6.9926**, and **47.6736, -24.6308, -6.4171** is the 20% darker color. If you saturate the color by 10%, you get **67.8869, -35.5380, -8.1364**, and if you desaturate by 10%, it is **68.0677, -35.1780, -7.8876**.

Distribution



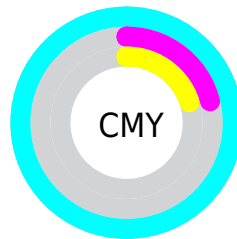
- Red (0%)
- Green (79%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (100%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.8860, -35.5373, -8.1368 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 67.8860, -35.5373, -8.1368 by changing the saturation by 10% instead.


 67.8860, -35.5373,
-8.1368

 67.8860, -35.5373,
-8.1368


192.6545,
-57.9133, -5.5957

 56.8457, -32.7155,
-8.1705


 91.8416, -40.8862,
-7.8943


 46.4776, -29.7602,
-8.1410


 104.6935,
-43.4496, -7.6956

 36.8300, -26.6308,
-8.0414


 118.0945,
-45.9562, -7.4495

 27.9614, -23.2671,
-7.8652

 132.0230,
-48.4155, -7.1589

 19.9474, -19.5729,
-7.6069

 146.4598,
-50.8352, -6.8261

 12.8911, -16.1233,
-7.2690

161.3875,

 6.3146, -11.0506,

-53.2215, -6.4534

-8.5169

176.7904,
-55.5794, -6.0427

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.8860, -35.5373,
-8.1368

■ 67.8860, -35.5373,
-8.1368

■ 67.8869, -35.5380,
-8.1364

■ 68.0677, -35.1780,
-7.8876

■ 68.3647, -34.3613,
-7.4765

■ 68.8164, -32.9427,
-6.8516

■ 69.4410, -30.8636,
-5.9926

■ 70.2512, -28.0914,

-4.8884

■ 71.2560, -24.6165,
-3.5359

■ 72.4608, -20.4488,
-1.9390

■ 73.8676, -15.6141,
-0.1070

■ 75.4761, -10.1517,
1.9463

Harmonies

Analogous

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



67.8873, -36.3284, 10.6906



67.8860, -35.5373, -8.1368



67.8873, -26.8112, -28.1984

Triad

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



67.8873, -35.5373, -8.1359



67.8873, 26.2771, -24.5712



67.8873, 4.3345, 30.0044

Complementary

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



67.8860, -35.5373, -8.1368



35.6948, 60.8093, 23.0574

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.



67.8873, 23.1603, 25.0772



67.8860, -35.5373, -8.1368



67.8873, 36.7470, -4.1340

Square

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



67.8873, -35.5373, -8.1359



67.8873, 8.2190, -39.3680



67.8873, 35.5463, 13.7184



67.8873, -14.7106, 29.4909

Rectangle

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



67.8860, -35.5373, -8.1368



67.8873, -17.0542, -37.9949



67.8873, 35.5463, 13.7184



67.8873, 10.9347, 29.0028

Sweetspot

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



67.8873, -35.5373, -8.1359



93.6934, -26.7065, -2.6027



65.3551, -56.0404, 39.2893



43.0261, -13.4644, -1.6276

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8873, -35.5373, -8.1359



87.8341, -45.9722, -10.5442



37.0425, 9.7941, -67.4381



35.6474, -4.6304, 0.9772



54.1638, -28.3593, -6.4803



12.3276, -6.4714, -1.4385

Inverse Universe

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



41.1277, 80.6799, -52.9083



53.2159, 104.3989, -68.4415



47.0171, 29.0858, 29.4793



33.7665, 2.6664, -1.1728



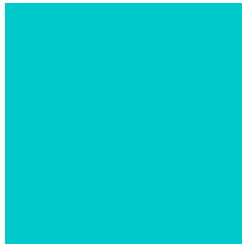
32.8094, 64.3693, -42.2259



7.4563, 14.6349, -9.6454

Previews

White Background



This preview shows how the HunterLab color 67.8860, -35.5373, -8.1368 looks on a white background.

Color Contrast Check

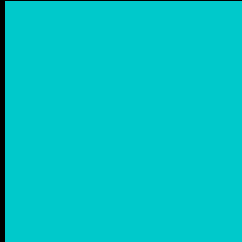
Large Text (above 18pt) WCAG AA × Fail

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 67.8860, -35.5373, -8.1368 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

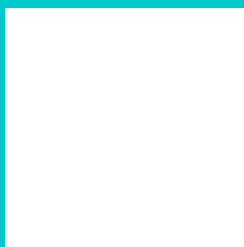
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.8860, -35.5373, -8.1368 Background



This preview shows how black text looks on a background with the HunterLab color 67.8860, -35.5373, -8.1368.



This preview shows how white text looks on a background with the HunterLab color 67.8860,

-35.5373, -8.1368.

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

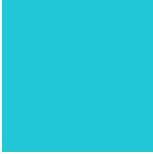
67.8860, -35.5373, -8.1368

Protanopia

67.2445, -1.0711, -1.0321

Deuteranopia

67.3281, 5.1041, -11.5434



Tritanopia

67.8920, -31.1310, -14.8546

Trichromacy



Original Color

67.8860, -35.5373, -8.1368



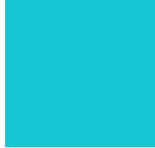
Protanomaly

65.3129, -20.3732, -6.4435



Deuteranomaly

65.1912, -16.5935, -13.8078



Tritanomaly

67.9575, -32.9216, -12.4690

Monochromacy



Original Color

67.8860, -35.5373, -8.1368



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

55.7211, -20.5825, -3.3968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8860, -35.5373, -8.1368 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, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 203)  
}
```

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, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8860, -35.5373, -8.1368 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, 201, 203) }
```


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

```
.border{ border-color:rgb(0, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(0, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8860, -35.5373, -8.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 203) }
```

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

```
.background{ background-color: rgb(0, 201,  
203) }
```

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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