

Converting Colors

HunterLab(66.2924, -41.7035,
-11.4018)

Have a look what the booklet for
HunterLab(66.2924, -41.7035,
-11.4018) contains.

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Color

**HunterLab(67.9567,
-35.1172, -9.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	00C9CD
RGB	0, 201, 205
RGB Percent	0%, 79%, 80%
CMY	0.9998, 0.2118, 0.1961
CMYK	1.00, 0.02, 0.00, 0.20
HSL	181°, 100%, 40%
HSV	181°, 100%, 80%
XYZ	31.9062, 46.1811, 64.9899
YIQ	141.3570, -121.0800, -41.3680

Conversions

Conversions Part 2

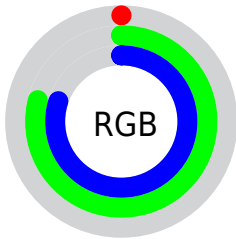
Format	Color
RYB	0, 101, 205
Decimal	51661
CIELab	73.66, -38.98, -13.80
CIELCh	74, 41.354, 199.496
Yxy	46.1828, 0.2230, 0.3228
Android (android.graphics.Color)	4278241741 (0xFF00C9CD)
YUV	141.3570, 31.3760, -123.9701
Hunter-Lab	67.9567, -35.1172, -9.1319

Details

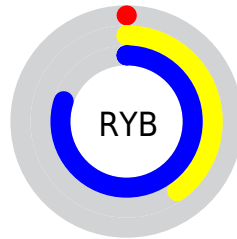
The HunterLab color **67.9567, -35.1172, -9.1319** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.1487, 61.2815, 23.3452**, and the grayscale version is **51.6722, -2.7571, 2.8074**.

A 20% lighter version of the original color is **90.4457, -40.3520, -6.9926**, and **47.7411, -24.2298, -7.3671** is the 20% darker color. If you saturate the color by 10%, you get **67.9574, -35.1177, -9.1317**, and if you desaturate by 10%, it is **68.2084, -34.8358, -8.7867**.

Distribution



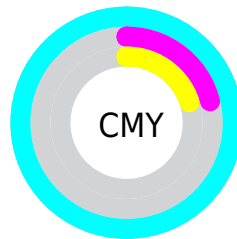
- Red (0%)
- Green (79%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9567, -35.1172, -9.1319 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 67.9567, -35.1172, -9.1319 by changing the saturation by 10% instead.

67.9567, -35.1172,
-9.1319

67.9567, -35.1172,
-9.1319

192.7546,
-57.2365, -6.8923

56.9123, -32.3329,
-9.1276

91.9198, -40.3985,
-8.9626

46.5399, -29.4182,
-9.0592

104.7752,
-42.9311, -8.7990

36.8877, -26.3337,
-8.9203

118.1795,
-45.4084, -8.5872

28.0140, -23.0201,
-8.7050

132.1113,
-47.8398, -8.3299

19.9944, -19.3834,
-8.4098

146.5511,
-50.2328, -8.0296

12.9318, -15.9204,
-8.0422

161.4818,

6.3689, -11.1456,

-52.5933, -7.6887

-9.2972

176.8877,
-54.9265, -7.3090

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.9567, -35.1172,
-9.1319

■ 67.9567, -35.1172,
-9.1319

■ 67.9574, -35.1177,
-9.1317

■ 68.2084, -34.8358,
-8.7867

■ 68.5776, -34.0885,
-8.2758

■ 69.1041, -32.7305,
-7.5471

■ 69.8057, -30.7033,
-6.5812

■ 70.6951, -27.9758,

-5.3682

■ 71.7808, -24.5397,
-3.9065

■ 73.0675, -20.4061,
-2.2011

■ 74.5572, -15.6026,
-0.2626

■ 76.2489, -10.1690,
1.8940

Harmonies

Analogous

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



67.9580, -36.3254, 9.8096



67.9567, -35.1172, -9.1319



67.9580, -26.0360, -28.8847

Triad

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



67.9580, -35.1172, -9.1310



67.9580, 26.8629, -23.3707



67.9580, 3.2499, 30.0093

Complementary

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



67.9567, -35.1172, -9.1319



36.1487, 61.2815, 23.3452

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.



67.9580, 22.1177, 25.3932



67.9567, -35.1172, -9.1319



67.9580, 36.7230, -3.0373

Square

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



67.9580, -35.1172, -9.1310



67.9580, 9.1684, -38.5613



67.9580, 34.8958, 14.4313



67.9580, -15.5456, 29.2219

Rectangle

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



67.9567, -35.1172, -9.1319



67.9580, -16.1136, -38.2295



67.9580, 34.8958, 14.4313



67.9580, 9.8259, 29.1032

Sweetspot

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



67.9580, -35.1172, -9.1310



93.4429, -26.3479, -2.9113



66.0842, -56.6250, 39.6402



42.8930, -13.2775, -1.7930

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9580, -35.1172, -9.1310



86.9522, -44.9183, -11.7170



36.5411, 11.7320, -70.9946



35.6202, -4.5874, 0.9453



53.6348, -27.7274, -7.1833



12.2322, -6.3576, -1.5649

Inverse Universe

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



41.4700, 81.1810, -52.0311



53.0695, 103.8915, -66.5467



48.2445, 27.7733, 30.2126



33.7636, 2.6510, -1.1318



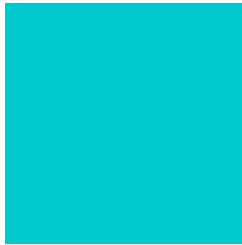
32.7216, 64.0649, -41.0893



7.4404, 14.5799, -9.4400

Previews

White Background



This preview shows how the HunterLab color 67.9567, -35.1172, -9.1319 looks on a white background.

Color Contrast Check

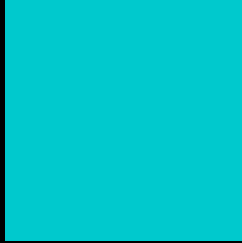
Large Text (above 18pt) WCAG AA × Fail

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 67.9567, -35.1172, -9.1319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

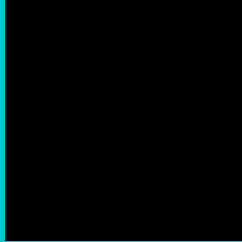
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

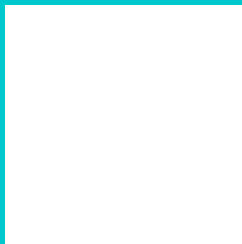
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.9567, -35.1172, -9.1319 Background



This preview shows how black text looks on a background with the HunterLab color 67.9567, -35.1172, -9.1319.



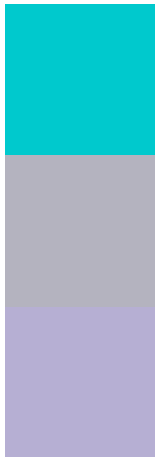
This preview shows how white text looks on a background with the HunterLab color 67.9567,

-35.1172, -9.1319.

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

67.9567, -35.1172, -9.1319

Protanopia

67.6055, -1.2210, -1.5906

Deuteranopia

67.3113, 5.1962, -12.7160



Tritanopia

67.9057, -31.0019, -15.4227

Trichromacy



Original Color

67.9567, -35.1172, -9.1319



Protanomaly

65.7046, -20.4300, -6.9967



Deuteranomaly

65.2667, -16.1651, -14.8637



Tritanomaly

67.9785, -32.7657, -13.0119

Monochromacy



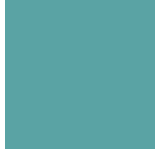
Original Color

67.9567, -35.1172, -9.1319



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 67.9567, -35.1172, -9.1319 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9567, -35.1172, -9.1319 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, 205) }
```


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

```
.border{ border-color:rgb(0, 201, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9567, -35.1172, -9.1319 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, 205) }
```

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

```
.background{ background-color: rgb(0, 201,  
205) }
```

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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