

Converting Colors

HunterLab(67.2134, -33.1917,
-12.3596)

Have a look what the booklet for
HunterLab(67.2134, -33.1917,
-12.3596) contains.

HunterLab(67.0758, -33.0164, -12.5660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.0758,
-33.0164, -12.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	00C6D1
RGB	0, 198, 209
RGB Percent	0%, 78%, 82%
CMY	0.9998, 0.2235, 0.1804
CMYK	1.00, 0.05, 0.00, 0.18
HSL	183°, 100%, 41%
HSV	183°, 100%, 82%
XYZ	31.7027, 44.9916, 67.3349
YIQ	140.0520, -121.5390, -38.5550

Conversions

Conversions Part 2

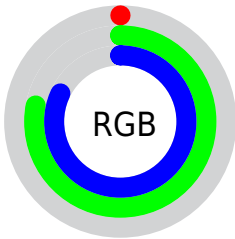
Format	Color
RYB	0, 102, 209
Decimal	50897
CIELab	72.89, -36.38, -17.14
CIELCh	73, 40.212, 205.232
Yxy	44.9933, 0.2201, 0.3124
Android (android.graphics.Color)	4278240977 (0xFF00C6D1)
YUV	140.0520, 33.9914, -122.8256
Hunter-Lab	67.0758, -33.0164, -12.5660

Details

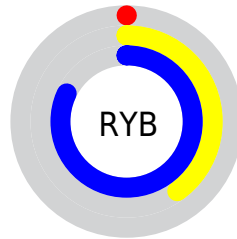
The HunterLab color **67.0758, -33.0164, -12.5660** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **37.1430, 61.9453, 23.9696**, and the grayscale version is **51.1411, -2.7288, 2.7786**.

A 20% lighter version of the original color is **90.4457, -40.3520, -6.9926**, and **46.9164, -22.2230, -10.6683** is the 20% darker color. If you saturate the color by 10%, you get **67.0759, -33.0162, -12.5666**, and if you desaturate by 10%, it is **67.5697, -33.0144, -11.8727**.

Distribution



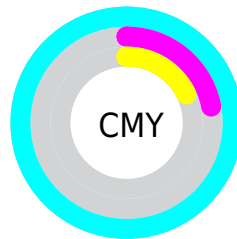
- Red (0%)
- Green (78%)
- Blue (82%)



- Red (0%)
- Yellow (40%)
- Blue (82%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.0758, -33.0164, -12.5660 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 67.0758, -33.0164, -12.5660 by changing the saturation by 10% instead.

67.0758, -33.0164,
-12.5660

67.0758, -33.0164,
-12.5660

191.5062,
-54.0765, -11.3559

56.0822, -30.3813,
-12.4336

90.9452, -38.0243,
-12.6449

45.7639, -27.6264,
-12.2356

103.7569,
-40.4304, -12.6012

36.1699, -24.7143,
-11.9671

117.1195,
-42.7870, -12.5062

27.3596, -21.5890,
-11.6267

131.0109,
-45.1026, -12.3629

19.4101, -18.1601,
-11.2209

145.4120,
-47.3843, -12.1741

12.4273, -15.0247,
-10.7850

160.3051,

5.6539, -9.8942,

-49.6375, -11.9419

-13.5706

175.6747,
-51.8670, -11.6686

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.0758, -33.0164,
-12.5660

■ 67.0758, -33.0164,
-12.5660

■ 67.0759, -33.0162,
-12.5666

■ 67.5697, -33.0144,
-11.8727

■ 68.1874, -32.5254,
-11.0039

■ 68.9687, -31.4045,
-9.9088

■ 69.9305, -29.5966,
-8.5712

■ 71.0841, -27.0751,

-6.9862

■ 72.4365, -23.8368,
-5.1567

■ 73.9909, -19.8981,
-3.0927

■ 75.7474, -15.2904,
-0.8088

■ 77.7037, -10.0564,
1.6770

Harmonies

Analogous

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



67.0770, -35.6865, 6.4233



67.0758, -33.0164, -12.5660



67.0770, -22.8178, -30.8186

Triad

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



67.0770, -33.0164, -12.5650



67.0770, 28.4632, -18.8405



67.0770, -0.5780, 29.5117

Complementary

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



67.0758, -33.0164, -12.5660



37.1430, 61.9453, 23.9696

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.



67.0770, 18.0985, 26.0502



67.0758, -33.0164, -12.5660



67.0770, 35.9908, 0.7555

Square

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



67.0770, -33.0164, -12.5650



67.0770, 12.3856, -35.0808



67.0770, 32.0059, 16.6169



67.0770, -18.1841, 27.7458

Rectangle

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



67.0758, -33.0164, -12.5660



67.0770, -12.4745, -38.3792



67.0770, 32.0059, 16.6169



67.0770, 5.7980, 28.9561

Sweetspot

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



67.0770, -33.0164, -12.5650



92.5861, -25.1156, -3.9731



67.5462, -57.7981, 40.3451



42.4380, -12.6353, -2.3622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0770, -33.0164, -12.5650



83.9483, -41.2818, -15.8126



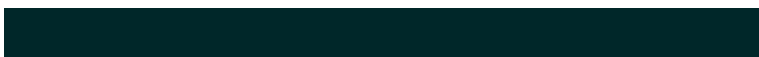
35.5288, 15.7932, -78.4961



36.4636, -4.5644, 0.8546



52.7131, -25.9787, -9.8062



12.5977, -6.3051, -2.1351

Inverse Universe

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



41.9927, 81.6168, -48.1307



52.5789, 102.1872, -60.1642



50.8043, 25.0090, 31.7416



34.6379, 2.6807, -1.0269



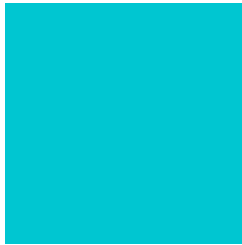
32.9793, 64.1146, -37.8867



7.8199, 15.2356, -9.2401

Previews

White Background



This preview shows how the HunterLab color 67.0758, -33.0164, -12.5660 looks on a white background.

Color Contrast Check

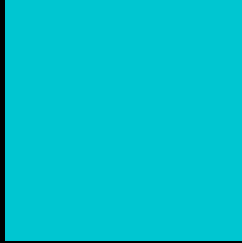
Large Text (above 18pt) WCAG AA × Fail

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 67.0758, -33.0164, -12.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

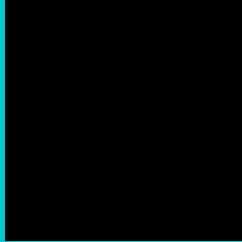
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

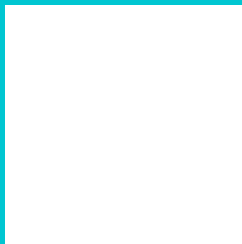
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.0758, -33.0164, -12.5660 Background



This preview shows how black text looks on a background with the HunterLab color 67.0758, -33.0164, -12.5660.



This preview shows how white text looks on a background with the HunterLab color 67.0758,

-33.0164, -12.5660.

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

67.0758, -33.0164, -12.5660

Protanopia

66.4988, -0.1978, -5.0600

Deuteranopia

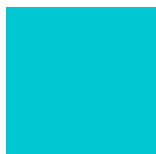
66.6890, 4.8257, -15.3821



Tritanopia

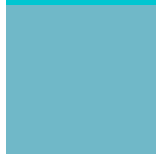
67.0128, -31.2163, -14.9496

Trichromacy



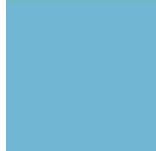
Original Color

67.0758, -33.0164, -12.5660



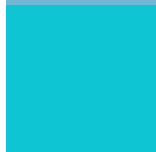
Protanomaly

64.7270, -18.8256, -10.4987



Deuteranomaly

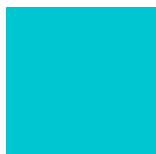
64.9085, -15.6142, -17.1728



Tritanomaly

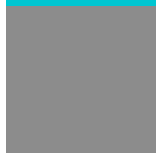
66.9174, -31.6636, -14.5079

Monochromacy



Original Color

67.0758, -33.0164, -12.5660



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

55.0729, -19.7039, -4.7324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0758, -33.0164, -12.5660 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, 198, 209)` looks like.

```
.text, #text, p{  
  color:rgb(0, 198, 209)  
}
```

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, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0758, -33.0164, -12.5660 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, 198, 209) }
```


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

```
.border{ border-color:rgb(0, 198, 209) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
209) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0758, -33.0164, -12.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 209) }
```

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

```
.background{ background-color: rgb(0, 198,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor