

Converting Colors

HunterLab(67.2108, -34.9221,
-5.9437)

Have a look what the booklet for
HunterLab(67.2108, -34.9221,
-5.9437) contains.

HunterLab(67.2320, -35.0098, -5.7683)	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(67.2320,
-35.0098, -5.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	21C7C5
RGB	33, 199, 197
RGB Percent	13%, 78%, 77%
CMY	0.8705, 0.2196, 0.2274
CMYK	0.83, 0.00, 0.01, 0.22
HSL	179°, 72%, 45%
HSV	179°, 83%, 78%
XYZ	31.1287, 45.2014, 59.9075
YIQ	149.1380, -98.2940, -35.8140

Conversions

Conversions Part 2

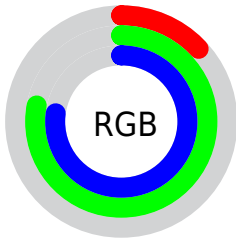
Format	Color
RYB	33, 117, 199
Decimal	2213829
CIELab	73.03, -39.08, -10.39
CIELCh	73, 40.434, 194.894
Yxy	45.2031, 0.2285, 0.3318
Android (android.graphics.Color)	4280403909 (0xFF21C7C5)
YUV	149.1380, 23.5960, -101.8530
Hunter-Lab	67.2320, -35.0098, -5.7683

Details

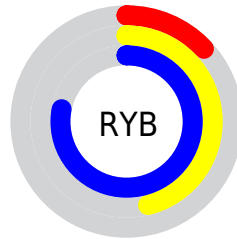
The HunterLab color **67.2320, -35.0098, -5.7683** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **36.5412, 55.2538, 20.9015**, and the grayscale version is **54.8166, -2.9249, 2.9783**.

A 20% lighter version of the original color is **90.6568, -39.6068, -6.1545**, and **46.8291, -25.0374, -4.4838** is the 20% darker color. If you saturate the color by 10%, you get **67.0485, -35.7566, -5.8953**, and if you desaturate by 10%, it is **67.5612, -33.7032, -5.4430**.

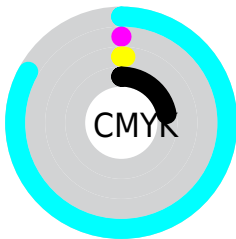
Distribution



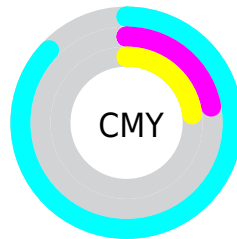
- Red (13%)
- Green (78%)
- Blue (77%)



- Red (13%)
- Yellow (46%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)





- Cyan (87%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.2320, -35.0098, -5.7683 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 67.2320, -35.0098, -5.7683 by changing the saturation by 10% instead.


 67.2320, -35.0098,
-5.7683


 67.2320, -35.0098,
-5.7683


191.7278,
-57.1961, -2.4921


 56.2294, -32.2125,
-5.8957


 91.1181, -40.3121,
-5.3464


 45.9015, -29.2822,
-5.9625


 103.9376,
-42.8533, -5.0619


 36.2971, -26.1783,
-5.9614


 117.3076,
-45.3383, -4.7323

 27.4755, -22.8398,
-5.8846

 131.2062,
-47.7767, -4.3605

 19.5135, -19.1695,
-5.7233

 145.6142,
-50.1760, -3.9486

 12.5164, -15.9617,
-5.4708

160.5140,

 5.7873, -10.1279,

-52.5424, -3.4987

-7.1868

175.8900,
-54.8810, -3.0127

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2320, -35.0098,
-5.7683

■ 67.2320, -35.0098,
-5.7683

■ 67.0485, -35.7566,
-5.8953

■ 67.5612, -33.7032,
-5.4430

■ 66.9786, -36.0443,
-5.9081

■ 68.0521, -31.7686,
-4.8972

■ 68.7205, -29.1655,
-4.1146

■ 69.5766, -25.8764,
-3.0876

■ 70.6273, -21.9039,

-1.8155

■ 71.8760, -17.2680,
-0.3038

■ 73.3237, -12.0024,
1.4371

■ 74.9687, -6.1517,
3.3931

■ 76.8075, 0.2326,
5.5472

Harmonies

Analogous

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



67.2333, -34.9821, 11.9991



67.2320, -35.0098, -5.7683



67.2333, -27.2759, -25.3305

Triad

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



67.2333, -35.0099, -5.7674



67.2333, 23.7987, -25.4567



67.2333, 6.0664, 29.0675

Complementary

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



67.2320, -35.0098, -5.7683



36.5412, 55.2538, 20.9015

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.



67.2333, 23.9075, 23.6473



67.2320, -35.0098, -5.7683



67.2333, 34.8831, -5.9071

Square

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



67.2333, -35.0099, -5.7674



67.2333, 5.9305, -38.6445



67.2333, 34.9250, 11.8928



67.2333, -12.6105, 29.0858

Rectangle

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



67.2320, -35.0098, -5.7683



67.2333, -18.2165, -35.3996



67.2333, 34.9250, 11.8928



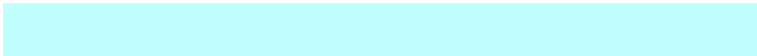
67.2333, 12.4025, 27.9003

Sweetspot

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



67.2333, -35.0099, -5.7674



94.7625, -24.1171, -0.8180



64.2879, -53.0327, 37.3574



43.5635, -12.1875, -0.7149

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2333, -35.0099, -5.7674



88.6248, -47.7034, -7.7952



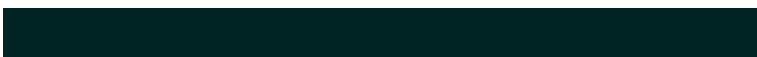
41.9377, 1.1248, -50.5308



34.7351, -4.5619, 1.0331



53.7093, -28.8974, -4.7508



11.6903, -6.2695, -1.0777

Inverse Universe

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



36.5412, 55.2538, 20.9015



46.1159, 78.9895, 29.6857



49.1091, 22.2335, 28.9114



32.6174, 1.1416, 2.6877



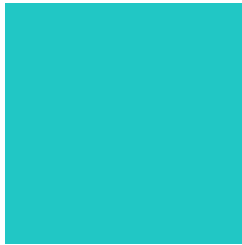
27.9499, 47.8805, 17.9410



6.0880, 10.4414, 3.8138

Previews

White Background



This preview shows how the HunterLab color 67.2320, -35.0098, -5.7683 looks on a white background.

Color Contrast Check

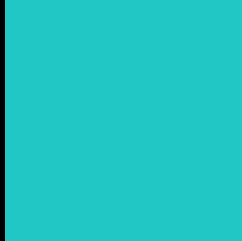
Large Text (above 18pt) WCAG AA × Fail

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 67.2320, -35.0098, -5.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

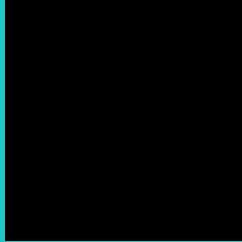
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

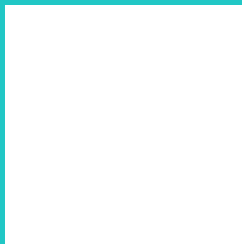
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.2320, -35.0098, -5.7683 Background



This preview shows how black text looks on a background with the HunterLab color 67.2320, -35.0098, -5.7683.



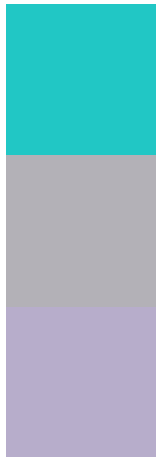
This preview shows how white text looks on a background with the HunterLab color 67.2320,

-35.0098, -5.7683.

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

67.2320, -35.0098, -5.7683

Protanopia

66.6685, -1.9159, 1.2057

Deuteranopia

66.5329, 4.9721, -9.2650



Tritanopia

67.3718, -29.8237, -14.4073

Trichromacy



Original Color

67.2320, -35.0098, -5.7683



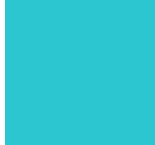
Protanomaly

65.3945, -18.8222, -3.1695



Deuteranomaly

65.0093, -14.4449, -10.5913



Tritanomaly

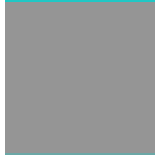
67.3845, -31.9562, -10.9778

Monochromacy



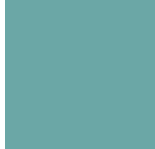
Original Color

67.2320, -35.0098, -5.7683



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

57.8934, -18.7899, -1.6020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2320, -35.0098, -5.7683 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(33, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(33, 199, 197)  
}
```

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(33, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 199, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2320, -35.0098, -5.7683 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(33, 199, 197) }
```


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

```
.border{ border-color:rgb(33, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(33, 199,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2320, -35.0098, -5.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 199, 197) }
```

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

```
.background{ background-color: rgb(33, 199,  
197) }
```

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