

Converting Colors

HunterLab(67.9910, -35.1722,
6.0707)

Have a look what the booklet for
HunterLab(67.9910, -35.1722,
6.0707) contains.

HunterLab(68.0020, -35.1124, 5.9263)	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(68.0020,
-35.1124, 5.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	53C8AF
RGB	83, 200, 175
RGB Percent	33%, 78%, 69%
CMY	0.6745, 0.2157, 0.3137
CMYK	0.58, 0.00, 0.13, 0.22
HSL	167°, 52%, 55%
HSV	167°, 58%, 78%
XYZ	31.9595, 46.2427, 47.7988
YIQ	162.1670, -61.7070, -32.5790

Conversions

Conversions Part 2

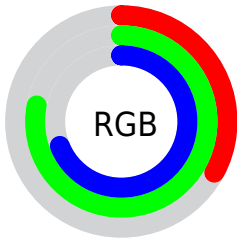
Format	Color
RYB	83, 148, 200
Decimal	5490863
CIELab	73.70, -38.96, 2.66
CIELCh	74, 39.052, 176.096
Yxy	46.2445, 0.2536, 0.3670
Android (android.graphics.Color)	4283680943 (0xFF53C8AF)
YUV	162.1670, 6.3267, -69.4295
Hunter-Lab	68.0020, -35.1124, 5.9263

Details

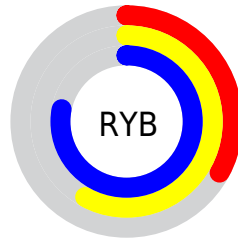
The HunterLab color **68.0020, -35.1124, 5.9263** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **44.2152, 42.2055, 8.9574**, and the grayscale version is **60.1717, -3.2106, 3.2692**.

A 20% lighter version of the original color is **91.0955, -39.5003, 6.7162**, and **46.5627, -28.9631, 4.3238** is the 20% darker color. If you saturate the color by 10%, you get **67.3030, -38.1351, 6.9829**, and if you desaturate by 10%, it is **68.8911, -31.3918, 5.0707**.

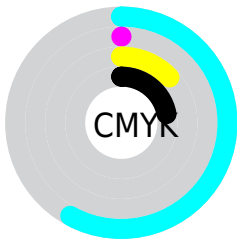
Distribution



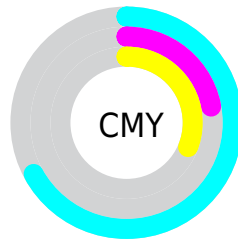
- Red (33%)
- Green (78%)
- Blue (69%)



- Red (33%)
- Yellow (58%)
- Blue (78%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0020, -35.1124, 5.9263 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 68.0020, -35.1124, 5.9263 by changing the saturation by 10% instead.

68.0020, -35.1124,
5.9263

68.0020, -35.1124,
5.9263

192.8188,
-57.2217, 13.6729

56.9551, -32.3303,
5.1935

91.9700, -40.3913,
7.4751

46.5799, -29.4176,
4.4875

104.8276,
-42.9225, 8.2881

36.9247, -26.3354,
3.8098

118.2341,
-45.3987, 9.1262

28.0478, -23.0245,
3.1604

132.1679,
-47.8289, 9.9888

20.0246, -19.3913,
2.5386

146.6097,
-50.2208, 10.8753

12.9579, -15.9147,
1.9418

161.5424,

6.4035, -11.2061,

-52.5804, 11.7852

2.0698

176.9501,
-54.9126, 12.7179

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0020, -35.1124,
5.9263

■ 68.0020, -35.1124,
5.9263

■ 67.3030, -38.1351,
6.9829

■ 68.8911, -31.3918,
5.0707

■ 66.7785, -40.4779,
8.2150

■ 69.9738, -26.9750,
4.4311

■ 66.4134, -42.1875,
9.5941

■ 71.2555, -21.8846,
4.0196

■ 66.1777, -43.3724,
11.0760

■ 72.7374, -16.1579,
3.8420

■ 66.1464, -43.5335,

■ 74.4182, -9.8430,

11.2990

3.8990

■ 76.2941, -2.9952,
4.1869

■ 78.3601, 4.3263,
4.6982

■ 80.6096, 12.0622,
5.4225

■ 82.0963, 17.1512,
5.1998

Harmonies

Analogous

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



68.0033, -30.2823, 19.7613



68.0020, -35.1124, 5.9263



68.0033, -32.2652, -12.6113

Triad

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



68.0033, -35.1129, 5.9271



68.0033, 12.4385, -33.4473



68.0033, 16.9870, 25.9221

Complementary

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



68.0020, -35.1124, 5.9263



44.2152, 42.2055, 8.9574

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.



68.0033, 30.6962, 16.7650



68.0020, -35.1124, 5.9263



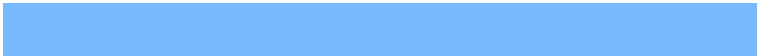
68.0033, 27.8825, -17.5834

Square

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



68.0033, -35.1129, 5.9271



68.0033, -5.9960, -38.5359



68.0033, 34.8775, 1.3982



68.0033, -1.2355, 29.2232

Rectangle

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



68.0020, -35.1124, 5.9263



68.0033, -26.2158, -24.8819



68.0033, 34.8775, 1.3982



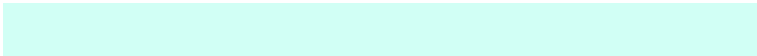
68.0033, 22.3473, 23.5671

Sweetspot

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



68.0033, -35.1129, 5.9271



95.7571, -21.0694, 5.0534



67.1901, -42.0170, 33.4445



44.0218, -10.8179, 2.3539

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0033, -35.1129, 5.9271



88.3625, -51.0321, 9.5737



57.9598, -15.8585, -20.4629



34.6803, -4.8666, 1.8141



52.7566, -34.6343, 8.8244



11.5232, -7.2732, 1.2976

Inverse Universe

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



44.2152, 42.2055, 8.9574



52.6571, 66.9466, 15.4770



50.4290, 23.7611, 21.8674



32.6702, 1.4257, 1.9344



28.1572, 48.6483, 14.8743



6.2162, 10.9144, 1.9320

Previews

White Background



This preview shows how the HunterLab color 68.0020, -35.1124, 5.9263 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 68.0020, -35.1124, 5.9263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

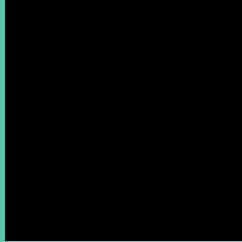
Any Text WCAG AA ✓ Pass

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 68.0020, -35.1124, 5.9263 Background



This preview shows how black text looks on a background with the HunterLab color 68.0020, -35.1124, 5.9263.



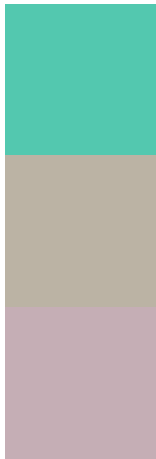
This preview shows how white text looks on a background with the HunterLab color 68.0020,

-35.1124, 5.9263.

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

68.0020, -35.1124, 5.9263

Protanopia

67.4428, -3.3851, 10.6224

Deuteranopia

67.4378, 5.0704, 3.2094



Tritanopia

67.9854, -24.1999, -12.2771

Trichromacy



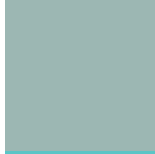
Original Color

68.0020, -35.1124, 5.9263



Protanomaly

66.9009, -17.7354, 8.0823



Deuteranomaly

66.4752, -12.1979, 2.7101



Tritanomaly

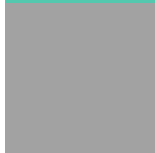
67.9955, -28.4927, -5.1862

Monochromacy



Original Color

68.0020, -35.1124, 5.9263



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

62.3115, -16.8804, 3.3141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0020, -35.1124, 5.9263 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(83, 200, 175)` looks like.

```
.text, #text, p{  
    color:rgb(83, 200, 175)  
}
```

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(83, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 200, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0020, -35.1124, 5.9263 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(83, 200, 175) }
```


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

```
.border{ border-color:rgb(83, 200, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 200, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(83, 200,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0020, -35.1124, 5.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 200, 175) }
```

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

```
.background{ background-color: rgb(83, 200,  
175) }
```

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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