

Converting Colors

HunterLab(70.4153, -35.5113,
3.7760)

Have a look what the booklet for
HunterLab(70.4153, -35.5113,
3.7760) contains.

HunterLab(70.4078, -35.5191, 3.6442)	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(70.4078,
-35.5191, 3.6442)**

Conversions

Conversions Part 1	
Format	Color
Hex	54CEBA
RGB	84, 206, 186
RGB Percent	33%, 81%, 73%
CMY	0.6706, 0.1921, 0.2706
CMYK	0.59, 0.00, 0.10, 0.19
HSL	170°, 55%, 57%
HSV	170°, 59%, 81%
XYZ	34.5904, 49.5726, 54.1997
YIQ	167.2420, -66.2920, -32.0840

Conversions

Conversions Part 2

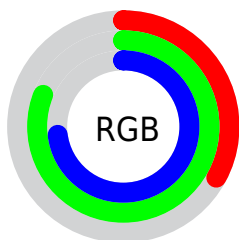
Format	Color
RYB	84, 150, 206
Decimal	5557946
CIELab	75.81, -38.74, -0.22
CIELCh	76, 38.738, 180.321
Yxy	49.5745, 0.2500, 0.3583
Android (android.graphics.Color)	4283748026 (0xFF54CEBA)
YUV	167.2420, 9.2477, -73.0032
Hunter-Lab	70.4078, -35.5191, 3.6442

Details

The HunterLab color **70.4078, -35.5191, 3.6442** 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 **45.2364, 43.6508, 11.4708**, and the grayscale version is **62.2474, -3.3214, 3.3820**.

A 20% lighter version of the original color is **91.5752, -36.8932, 1.3940**, and **48.8126, -29.4714, 2.6088** is the 20% darker color. If you saturate the color by 10%, you get **69.7263, -38.4212, 4.3723**, and if you desaturate by 10%, it is **71.2841, -31.9014, 3.1433**.

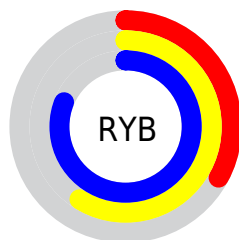
Distribution



Red (33%)

Green (81%)

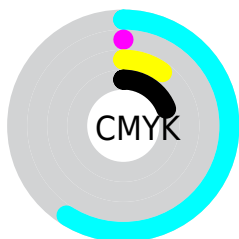
Blue (73%)



Red (33%)

Yellow (59%)

Blue (81%)

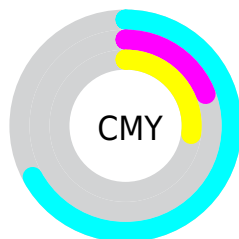


Cyan (59%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (67%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.4078, -35.5191, 3.6442 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 70.4078, -35.5191, 3.6442 by changing the saturation by 10% instead.


 70.4078, -35.5191,
3.6442

 70.4078, -35.5191,
3.6442


196.2141,
-57.4472, 10.4168


 59.2245, -32.7739,
3.0467


 94.6278, -40.7398,
4.9440


 48.7042, -29.9058,
2.4852


 107.6027,
-43.2474, 5.6412

 38.8932, -26.8790,
1.9631


 121.1218,
-45.7026, 6.3684

 29.8470, -23.6400,
1.4837

 135.1640,
-48.1141, 7.1244

 21.6368, -20.1047,
1.0510

149.7105,
-50.4891, 7.9082

 14.3583, -16.2056,
0.6709

164.7443,

 8.0182, -14.0318,

-52.8332, 8.7187

0.3241

180.2502,
-55.1512, 9.5552

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4078, -35.5191,
3.6442

■ 70.4078, -35.5191,
3.6442

■ 69.7263, -38.4212,
4.3723

■ 71.2841, -31.9014,
3.1433

■ 69.2230, -40.6310,
5.3033

■ 72.3596, -27.5654,
2.8823

■ 68.8815, -42.2016,
6.4092

■ 73.6404, -22.5306,
2.8706

■ 68.6674, -43.2597,
7.6413


■ 75.1282, -16.8317,
3.1111


■ 68.6525, -43.3349,


■ 76.8221, -10.5157,


7.7380

3.6012

 78.7187, -3.6378,
4.3340

 80.8131, 3.7424,
5.2989

 83.0986, 11.5642,
6.4826

 83.8944, 14.3739,
5.8431

Harmonies

Analogous

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



70.4092, -31.7213, 18.4348



70.4078, -35.5191, 3.6442



70.4092, -31.5564, -15.1828

Triad

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



70.4092, -35.5196, 3.6451



70.4092, 14.8401, -31.4887



70.4092, 14.4650, 27.0988

Complementary

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



70.4078, -35.5191, 3.6442



45.2364, 43.6508, 11.4708

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.



70.4092, 29.1531, 18.6846



70.4078, -35.5191, 3.6442



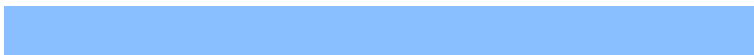
70.4092, 29.3847, -14.7742

Square

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



70.4092, -35.5196, 3.6451



70.4092, -3.5637, -38.3723



70.4092, 34.8666, 4.0195



70.4092, -3.9573, 29.7034

Rectangle

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



70.4078, -35.5191, 3.6442



70.4092, -24.7887, -26.9935



70.4092, 34.8666, 4.0195



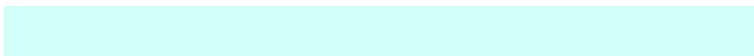
70.4092, 20.0674, 24.9830

Sweetspot

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



70.4092, -35.5196, 3.6451



95.8304, -20.6557, 4.0081



69.0997, -44.9241, 34.5948



44.0612, -10.5948, 1.7928

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4092, -35.5196, 3.6451



88.5592, -49.7361, 5.8564



57.7698, -13.6124, -24.5721



35.6290, -4.9304, 1.6661



53.8826, -33.9360, 5.9095



12.2737, -7.4948, 0.8380

Inverse Universe

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



45.2364, 43.6508, 11.4708



52.0989, 66.9983, 18.4824



53.2415, 21.9809, 23.8505



33.5308, 1.4021, 2.1800



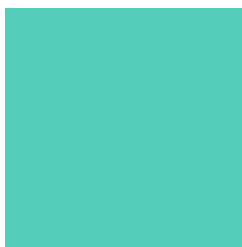
28.5656, 49.1993, 16.2890



6.5619, 11.4468, 2.6166

Previews

White Background



This preview shows how the HunterLab color 70.4078, -35.5191, 3.6442 looks on a white background.

Color Contrast Check

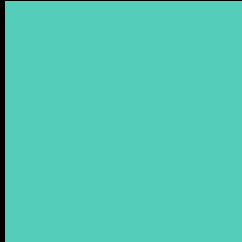
Large Text (above 18pt) WCAG AA × Fail

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 70.4078, -35.5191, 3.6442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

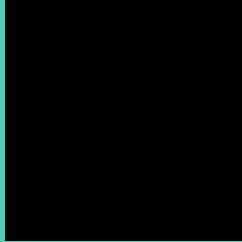
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

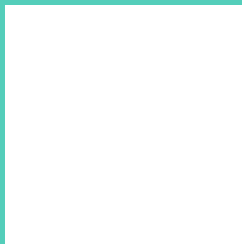
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.4078, -35.5191, 3.6442 Background



This preview shows how black text looks on a background with the HunterLab color 70.4078, -35.5191, 3.6442.



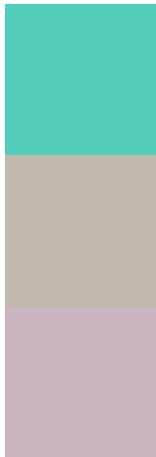
This preview shows how white text looks on a background with the HunterLab color 70.4078, -35.5191, 3.6442.

-35.5191, 3.6442.

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

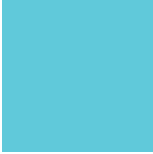
70.4078, -35.5191, 3.6442

Protanopia

69.8787, -3.5712, 9.0199

Deuteranopia

69.9041, 5.1464, 0.8675



Tritanopia

70.2297, -25.3900, -13.1668

Trichromacy



Original Color

70.4078, -35.5191, 3.6442



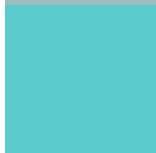
Protanomaly

69.3034, -18.1149, 6.3536



Deuteranomaly

68.8346, -12.6042, 0.2345



Tritanomaly

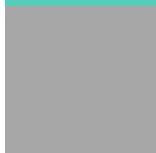
70.3160, -29.3551, -6.4217

Monochromacy



Original Color

70.4078, -35.5191, 3.6442



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

64.3600, -17.0000, 2.4708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4078, -35.5191, 3.6442 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(84, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(84, 206, 186)  
}
```

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(84, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 206, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4078, -35.5191, 3.6442 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(84, 206, 186) }
```


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

```
.border{ border-color:rgb(84, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 206, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 206, 186);  
box-shadow:4px 4px 4px 4px rgb(84, 206,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4078, -35.5191, 3.6442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 206, 186) }
```

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

```
.background{ background-color: rgb(84, 206,  
186) }
```

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