

Converting Colors

HunterLab(70.1749, -34.4760,
1.4296)

Have a look what the booklet for
HunterLab(70.1749, -34.4760,
1.4296) contains.

HunterLab(70.1565, -34.5044, 1.4563)	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(70.1565,
-34.5044, 1.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	53CDBE
RGB	83, 205, 190
RGB Percent	33%, 80%, 75%
CMY	0.6745, 0.1961, 0.2549
CMYK	0.60, 0.00, 0.07, 0.20
HSL	173°, 55%, 56%
HSV	173°, 60%, 80%
XYZ	34.6929, 49.2193, 56.3870
YIQ	166.8120, -67.8970, -30.5290

Conversions

Conversions Part 2

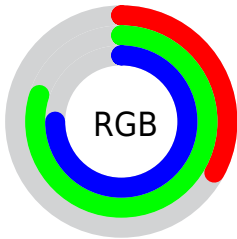
Format	Color
RYB	83, 148, 205
Decimal	5492158
CIELab	75.59, -37.44, -2.70
CIELCh	76, 37.540, 184.122
Yxy	49.2213, 0.2473, 0.3508
Android (android.graphics.Color)	4283682238 (0xFF53CDBE)
YUV	166.8120, 11.4317, -73.5031
Hunter-Lab	70.1565, -34.5044, 1.4563

Details

The HunterLab color **70.1565, -34.5044, 1.4563** 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 **44.7760, 43.1363, 13.0427**, and the grayscale version is **62.0620, -3.3115, 3.3719**.

A 20% lighter version of the original color is **91.7077, -36.1211, -0.4909**, and **48.5992, -28.4063, 0.5762** is the 20% darker color. If you saturate the color by 10%, you get **69.5077, -37.2219, 1.8456**, and if you desaturate by 10%, it is **70.9977, -31.0805, 1.3048**.

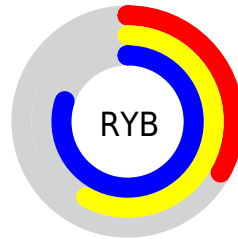
Distribution



Red (33%)

Green (80%)

Blue (75%)



Red (33%)

Yellow (58%)

Blue (80%)

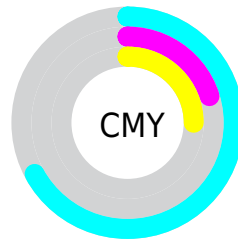


Cyan (60%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (67%)

Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1565, -34.5044, 1.4563 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 70.1565, -34.5044, 1.4563 by changing the saturation by 10% instead.

70.1565, -34.5044,
1.4563

70.1565, -34.5044,
1.4563

195.8603,
-55.9051, 7.3637

58.9873, -31.8339,
0.9772

94.3504, -39.5885,
2.5369

48.4820, -29.0461,
0.5411

107.3132,
-42.0331, 3.1316

38.6870, -26.1063,
0.1531

120.8207,
-44.4281, 3.7604

29.6583, -22.9627,
-0.1815

134.8516,
-46.7821, 4.4215

21.4673, -19.5339,
-0.4556

149.3873,
-49.1017, 5.1136

14.2106, -15.7462,
-0.6587

164.4106,

7.8658, -13.7652,

-51.3924, 5.8354

-0.9938

179.9063,
-53.6590, 6.5858

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.1565, -34.5044,
1.4563

■ 70.1565, -34.5044,
1.4563

■ 69.5077, -37.2219,
1.8456

■ 70.9977, -31.0805,
1.3048

■ 69.0345, -39.2590,
2.4505

■ 72.0360, -26.9449,
1.4010

■ 68.7203, -40.6707,
3.2448

■ 73.2778, -22.1142,
1.7515

■ 68.5293, -41.5903,
4.1788


■ 74.7251, -16.6202,
2.3564

■ 68.5209, -41.6315,


■ 76.3772, -10.5078,


4.2253

3.2105

 78.2311, -3.8298,
4.3042

 80.2820, 3.3558,
5.6248

 82.5236, 10.9892,
7.1573

 83.4941, 14.3180,
7.1439

Harmonies

Analogous

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



70.1579, -31.7591, 16.5049



70.1565, -34.5044, 1.4563



70.1579, -29.7029, -16.8247

Triad

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



70.1579, -34.5049, 1.4572



70.1579, 16.3348, -28.5298



70.1579, 11.6969, 27.1084

Complementary

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



70.1565, -34.5044, 1.4563



44.7760, 43.1363, 13.0427

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.



70.1579, 26.6343, 19.6297



70.1565, -34.5044, 1.4563



70.1579, 29.4924, -11.7928

Square

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



70.1579, -34.5049, 1.4572



70.1579, -1.2898, -36.6424



70.1579, 33.4350, 6.1012



70.1579, -6.1713, 29.0013

Rectangle

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



70.1565, -34.5044, 1.4563



70.1579, -22.5592, -27.7193



70.1579, 33.4350, 6.1012



70.1579, 17.2829, 25.2739

Sweetspot

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



70.1579, -34.5049, 1.4572



95.8914, -20.3115, 3.1383



68.5251, -45.4999, 34.3466



44.0940, -10.4089, 1.3252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.1579, -34.5049, 1.4572



88.7930, -48.3385, 2.5231



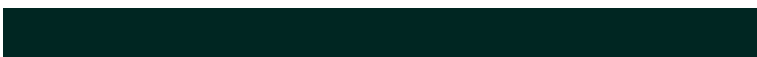
56.1095, -11.6437, -26.6632



35.6404, -4.8668, 1.5031



54.0716, -32.7938, 3.2077



12.3092, -7.2809, 0.3320

Inverse Universe

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



44.7760, 43.1363, 13.0427



51.9609, 66.4267, 20.4949



53.8278, 19.9570, 24.5026



33.5198, 1.3424, 2.3383



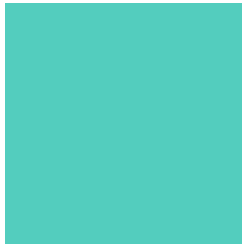
28.5164, 49.0172, 17.0165



6.5356, 11.3502, 3.0006

Previews

White Background



This preview shows how the HunterLab color 70.1565, -34.5044, 1.4563 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 70.1565, -34.5044, 1.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

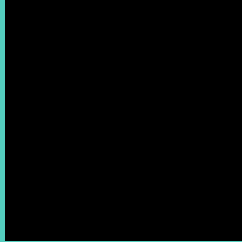
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

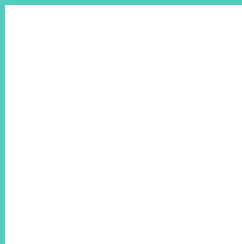
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.1565, -34.5044, 1.4563 Background



This preview shows how black text looks on a background with the HunterLab color 70.1565, -34.5044, 1.4563.



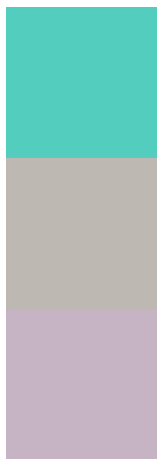
This preview shows how white text looks on a background with the HunterLab color 70.1565, -34.5044, 1.4563.

-34.5044, 1.4563.

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

70.1565, -34.5044, 1.4563

Protanopia

69.6006, -2.7725, 6.9591

Deuteranopia

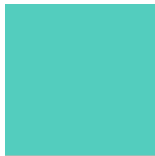
69.4489, 5.3637, -1.6972



Tritanopia

70.1161, -25.8947, -12.7579

Trichromacy



Original Color

70.1565, -34.5044, 1.4563



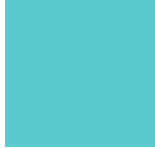
Protanomaly

69.0333, -17.2361, 4.2265



Deuteranomaly

68.5050, -11.9289, -2.1697



Tritanomaly

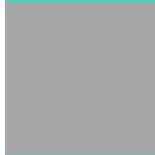
69.9426, -28.9944, -7.4500

Monochromacy



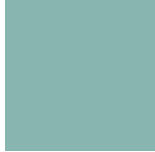
Original Color

70.1565, -34.5044, 1.4563



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

64.3251, -17.0681, 1.9552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1565, -34.5044, 1.4563 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, 205, 190)` looks like.

```
.text, #text, p{  
  color:rgb(83, 205, 190)  
}
```

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, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 205, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1565, -34.5044, 1.4563 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, 205, 190) }
```


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

```
.border{ border-color:rgb(83, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(83, 205,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1565, -34.5044, 1.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 205, 190) }
```

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

```
.background{ background-color: rgb(83, 205,  
190) }
```

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