

Converting Colors

HunterLab(68.9639, -34.0799,
-2.1357)

Have a look what the booklet for
HunterLab(68.9639, -34.0799,
-2.1357) contains.

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Color

**HunterLab(68.8754,
-34.0129, -2.0906)**

Conversions

Conversions Part 1

Format	Color
Hex	46CAC2
RGB	70, 202, 194
RGB Percent	27%, 79%, 76%
CMY	0.7255, 0.2078, 0.2392
CMYK	0.65, 0.00, 0.04, 0.21
HSL	176°, 55%, 53%
HSV	176°, 65%, 79%
XYZ	33.3839, 47.4382, 58.4359
YIQ	161.6200, -76.1040, -30.4720

Conversions

Conversions Part 2

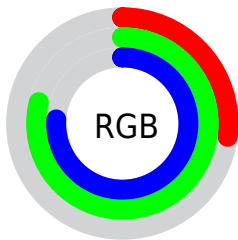
Format	Color
RYB	70, 138, 202
Decimal	4639426
CIELab	74.47, -37.17, -6.55
CIELCh	74, 37.747, 189.991
Yxy	47.4400, 0.2397, 0.3407
Android (android.graphics.Color)	4282829506 (0xFF46CAC2)
YUV	161.6200, 15.9633, -80.3507
Hunter-Lab	68.8754, -34.0129, -2.0906

Details

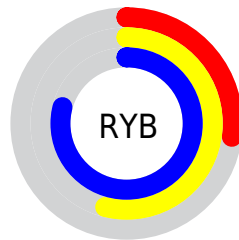
The HunterLab color **68.8754, -34.0129, -2.0906** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **41.8191, 46.0070, 16.3529**, and the grayscale version is **59.9139, -3.1969, 3.2552**.

A 20% lighter version of the original color is **91.3731, -37.1299, -3.0325**, and **47.7394, -26.5555, -2.3444** is the 20% darker color. If you saturate the color by 10%, you get **68.3784, -36.0542, -2.1300**, and if you desaturate by 10%, it is **69.5536, -31.2958, -1.8147**.

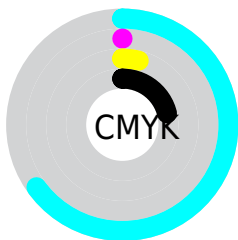
Distribution



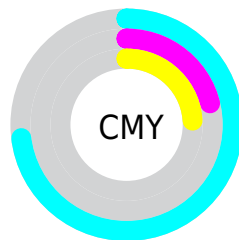
- Red (27%)
- Green (79%)
- Blue (76%)



- Red (27%)
- Yellow (54%)
- Blue (79%)



- Cyan (65%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (73%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8754, -34.0129, -2.0906 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 68.8754, -34.0129, -2.0906 by changing the saturation by 10% instead.

68.8754, -34.0129,
-2.0906

68.8754, -34.0129,
-2.0906

194.0536,
-55.3450, 2.4853

57.7786, -31.3467,
-2.3900

92.9355, -39.0844,
-1.3451

47.3503, -28.5613,
-2.6366

105.8360,
-41.5218, -0.9076

37.6380, -25.6208,
-2.8235

119.2836,
-43.9092, -0.4302

28.6990, -22.4713,
-2.9435

133.2570,
-46.2551, 0.0847

20.6072, -19.0274,
-2.9866

147.7370,
-48.5666, 0.6353

13.4626, -15.4036,
-2.9393

162.7066,

7.0349, -12.3110,

-50.8491, 1.2199

-3.4789

178.1502,
-53.1073, 1.8370

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8754, -34.0129,
-2.0906

■ 68.8754, -34.0129,
-2.0906

■ 68.3784, -36.0542,
-2.1300

■ 69.5536, -31.2958,
-1.8147

■ 68.0431, -37.4630,
-1.9557

■ 70.4201, -27.8821,
-1.2927

■ 67.8493, -38.3141,
-1.5963

■ 71.4835, -23.7736,
-0.5185

■ 67.7862, -38.6029,
-1.3942

■ 72.7478, -18.9898,
0.5070

■ 74.2142, -13.5649,

1.7771

■ 75.8812, -7.5442,
3.2810

■ 77.7454, -0.9802,
5.0044

■ 79.8017, 6.0705,
6.9307

■ 82.0435, 13.5500,
9.0423

Harmonies

Analogous

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



68.8767, -32.7520, 13.9050



68.8754, -34.0129, -2.0906



68.8767, -27.7965, -20.3898

Triad

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



68.8767, -34.0132, -2.0897



68.8767, 19.5140, -25.8506



68.8767, 8.3210, 27.7066

Complementary

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



68.8754, -34.0129, -2.0906



41.8191, 46.0070, 16.3529

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.



68.8767, 24.2950, 21.4355



68.8754, -34.0129, -2.0906



68.8767, 31.1946, -8.2358

Square

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



68.8767, -34.0132, -2.0897



68.8767, 2.3079, -36.2197



68.8767, 33.0272, 9.1177



68.8767, -9.4677, 28.5652

Rectangle

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



68.8754, -34.0129, -2.0906



68.8767, -19.8418, -30.4704



68.8767, 33.0272, 9.1177



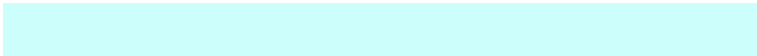
68.8767, 14.1275, 26.2536

Sweetspot

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



68.8767, -34.0132, -2.0897



95.5928, -21.2313, 1.4585



66.5874, -48.3436, 35.0241



43.9788, -10.7389, 0.4625

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8767, -34.0132, -2.0897



88.7870, -47.6875, -2.7179



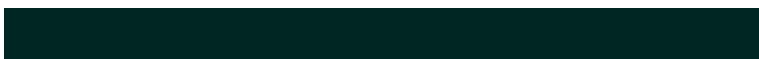
50.7523, -6.9286, -34.1271



35.6579, -4.7695, 1.2537



54.3800, -30.9393, -1.1813



12.3662, -6.9389, -0.4775

Inverse Universe

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



41.8191, 46.0070, 16.3529



49.5150, 70.9120, 25.1736



53.1330, 18.1481, 26.5909



33.5030, 1.2522, 2.5777



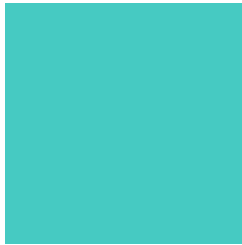
28.4640, 48.8229, 17.7931



6.4955, 11.2020, 3.5908

Previews

White Background



This preview shows how the HunterLab color 68.8754, -34.0129, -2.0906 looks on a white background.

Color Contrast Check

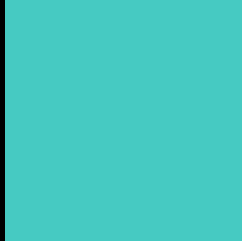
Large Text (above 18pt) WCAG AA × Fail

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 68.8754, -34.0129, -2.0906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

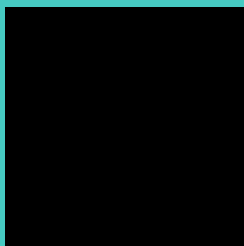
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

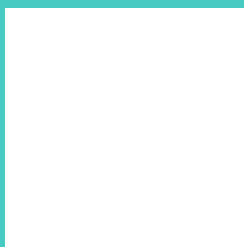
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.8754, -34.0129, -2.0906 Background



This preview shows how black text looks on a background with the HunterLab color 68.8754, -34.0129, -2.0906.



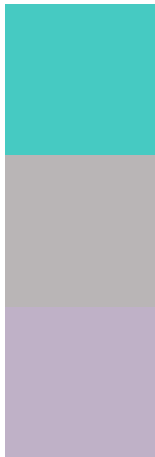
This preview shows how white text looks on a background with the HunterLab color 68.8754,

-34.0129, -2.0906.

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

68.8754, -34.0129, -2.0906

Protanopia

68.3662, -2.2141, 3.7076

Deuteranopia

68.2965, 4.6711, -4.7415



Tritanopia

68.8902, -27.2857, -13.3587

Trichromacy



Original Color

68.8754, -34.0129, -2.0906



Protanomaly

67.6609, -17.1325, 0.6853



Deuteranomaly

67.3439, -12.7048, -5.2314



Tritanomaly

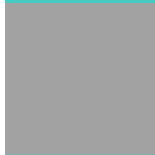
68.8114, -29.8947, -8.9855

Monochromacy



Original Color

68.8754, -34.0129, -2.0906



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

62.5839, -17.0675, 0.3283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8754, -34.0129, -2.0906 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(70, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(70, 202, 194)  
}
```

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(70, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 202, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8754, -34.0129, -2.0906 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(70, 202, 194) }
```


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

```
.border{ border-color:rgb(70, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(70, 202,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8754, -34.0129, -2.0906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 202, 194) }
```

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

```
.background{ background-color: rgb(70, 202,  
194) }
```

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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