

Converting Colors

HunterLab(66.9234, -33.9265,
-6.8724)

Have a look what the booklet for
HunterLab(66.9234, -33.9265,
-6.8724) contains.

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Color

**HunterLab(67.0050,
-34.0791, -6.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	27C6C6
RGB	39, 198, 198
RGB Percent	15%, 78%, 78%
CMY	0.8470, 0.2235, 0.2235
CMYK	0.80, 0.00, 0.00, 0.22
HSL	180°, 67%, 46%
HSV	180°, 80%, 78%
XYZ	31.2238, 44.8967, 60.4463
YIQ	150.4590, -94.7640, -33.7080

Conversions

Conversions Part 2

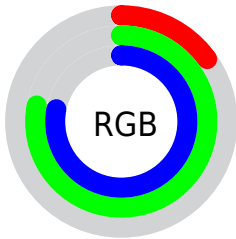
Format	Color
R_{YB}	39, 119, 198
Decimal	2606790
CIE Lab	72.82, -37.86, -11.23
CIE LCh	73, 39.491, 196.519
Yxy	44.8984, 0.2286, 0.3288
Android (android.graphics.Color)	4280796870 (0xFF27C6C6)
YUV	150.4590, 23.4377, -97.7495
Hunter-Lab	67.0050, -34.0791, -6.5830

Details

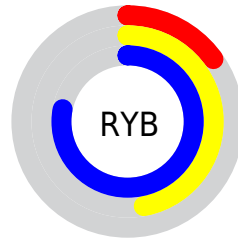
The HunterLab color **67.0050, -34.0791, -6.5830** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **36.8846, 53.4463, 20.5761**, and the grayscale version is **55.3494, -2.9533, 3.0072**.

A 20% lighter version of the original color is **90.7661, -39.1140, -6.5545**, and **46.5387, -24.4605, -5.3663** is the 20% darker color. If you saturate the color by 10%, you get **66.7887, -34.9364, -6.8850**, and if you desaturate by 10%, it is **67.3728, -32.6418, -6.0740**.

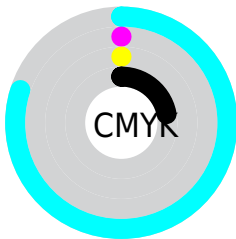
Distribution



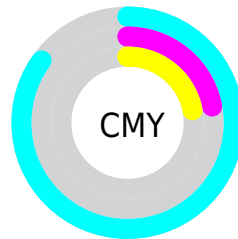
- Red (15%)
- Green (78%)
- Blue (78%)



- Red (15%)
- Yellow (47%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.0050, -34.0791, -6.5830 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 67.0050, -34.0791, -6.5830 by changing the saturation by 10% instead.

67.0050, -34.0791,
-6.5830

67.0050, -34.0791,
-6.5830

191.4058,
-55.7637, -3.5792

56.0155, -31.3534,
-6.6750

90.8669, -39.2510,
-6.2283

45.7016, -28.5002,
-6.7052

103.6751,
-41.7321, -5.9757

36.1123, -25.4801,
-6.6662

117.0342,
-44.1599, -5.6771

27.3071, -22.2341,
-6.5506

130.9225,
-46.5436, -5.3353

19.3633, -18.6671,
-6.3507

145.3204,
-48.8903, -4.9526

12.3870, -15.5496,
-6.0628

160.2105,

5.5923, -9.7865,

-51.2061, -4.5311

-8.1155

175.5771,
-53.4959, -4.0728

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0050, -34.0791,
-6.5830

■ 67.0050, -34.0791,
-6.5830

■ 66.7887, -34.9364,
-6.8850

■ 67.3728, -32.6418,
-6.0740

■ 66.6834, -35.3527,
-7.0320


■ 67.9062, -30.5654,
-5.3396


■ 68.6197, -27.8167,
-4.3670


■ 69.5223, -24.3843,
-3.1515


■ 70.6197, -20.2757,

-1.6954

 71.9147, -15.5150,
-0.0064

 73.4074, -10.1390,
1.9031

 75.0956, -4.1939,
4.0174

 76.9752, 2.2677,
6.3187

Harmonies

Analogous

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



67.0063, -34.4706, 10.9888



67.0050, -34.0791, -6.5830



67.0063, -26.1075, -25.4602

Triad

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



67.0063, -34.0792, -6.5821



67.0063, 23.9040, -23.7067



67.0063, 4.8205, 28.7107

Complementary

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



67.0050, -34.0791, -6.5830



36.8846, 53.4463, 20.5761

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.



67.0063, 22.3859, 23.6686



67.0050, -34.0791, -6.5830



67.0063, 34.1752, -4.6321

Square

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



67.0063, -34.0792, -6.5821



67.0063, 6.7195, -37.0197



67.0063, 33.5916, 12.4815



67.0063, -13.2905, 28.4517

Rectangle

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



67.0050, -34.0791, -6.5830



67.0063, -17.0270, -34.8763



67.0063, 33.5916, 12.4815



67.0063, 11.0213, 27.6528

Sweetspot

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



67.0063, -34.0792, -6.5821



94.9647, -23.3223, -0.9584



64.0478, -52.1571, 36.7749



43.6505, -11.8379, -0.8151

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0063, -34.0792, -6.5821



88.7726, -46.8972, -9.3057



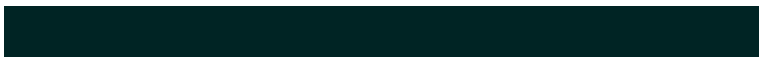
42.6875, 0.0933, -47.9020



34.7384, -4.5434, 0.9859



53.7745, -28.5090, -5.6707



11.7013, -6.2035, -1.2340

Inverse Universe

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



36.8846, 53.4463, 20.5761



46.3722, 78.2348, 29.5694



49.6095, 20.7129, 28.6362



32.6143, 1.1248, 2.7322



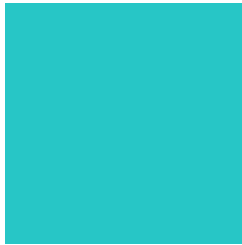
27.9422, 47.8519, 18.0555



6.0802, 10.4126, 3.9288

Previews

White Background



This preview shows how the HunterLab color 67.0050, -34.0791, -6.5830 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 67.0050, -34.0791, -6.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

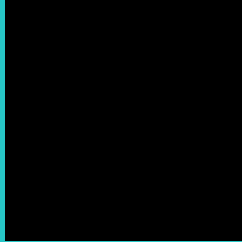
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

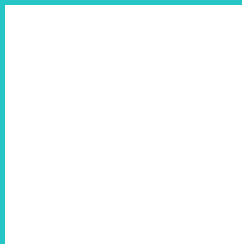
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.0050, -34.0791, -6.5830 Background



This preview shows how black text looks on a background with the HunterLab color 67.0050, -34.0791, -6.5830.



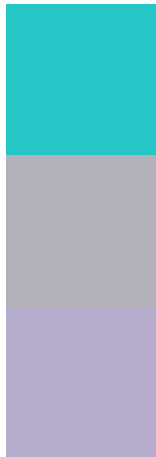
This preview shows how white text looks on a background with the HunterLab color 67.0050,

-34.0791, -6.5830.

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

67.0050, -34.0791, -6.5830

Protanopia

66.3464, -1.3800, -0.1591

Deuteranopia

66.4770, 4.8566, -9.9028



Tritanopia

67.0352, -29.4695, -14.2999

Trichromacy



Original Color

67.0050, -34.0791, -6.5830



Protanomaly

65.2002, -17.7679, -4.4343



Deuteranomaly

65.1659, -13.8020, -10.9254



Tritanomaly

67.1132, -31.2716, -11.3429

Monochromacy



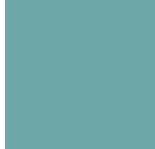
Original Color

67.0050, -34.0791, -6.5830



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.0883, -17.9970, -1.8369

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0050, -34.0791, -6.5830 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(39, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(39, 198, 198)  
}
```

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(39, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 198, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0050, -34.0791, -6.5830 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(39, 198, 198) }
```


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

```
.border{ border-color:rgb(39, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(39, 198,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0050, -34.0791, -6.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 198, 198) }
```

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

```
.background{ background-color: rgb(39, 198,  
198) }
```

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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