

Converting Colors

HunterLab(66.7286, -34.1906,
-7.4916)

Have a look what the booklet for
HunterLab(66.7286, -34.1906,
-7.4916) contains.

HunterLab(66.5604, -34.0056, -7.7119)	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(66.5604,
-34.0056, -7.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	1CC5C7
RGB	28, 197, 199
RGB Percent	11%, 77%, 78%
CMY	0.8901, 0.2274, 0.2196
CMYK	0.86, 0.01, 0.00, 0.22
HSL	181°, 75%, 45%
HSV	181°, 86%, 78%
XYZ	30.7539, 44.3029, 60.9632
YIQ	146.6970, -101.3660, -35.2060

Conversions

Conversions Part 2

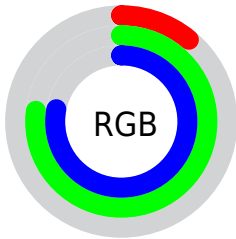
Format	Color
RYB	28, 113, 199
Decimal	1885639
CIELab	72.43, -37.90, -12.37
CIELCh	72, 39.873, 198.079
Yxy	44.3045, 0.2261, 0.3257
Android (android.graphics.Color)	4280075719 (0xFF1CC5C7)
YUV	146.6970, 25.7854, -104.0973
Hunter-Lab	66.5604, -34.0056, -7.7119

Details

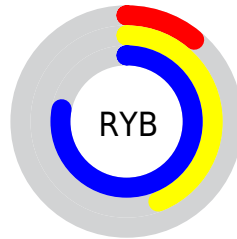
The HunterLab color **66.5604, -34.0056, -7.7119** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.2708, 55.7603, 21.5282**, and the grayscale version is **53.8258, -2.8720, 2.9245**.

A 20% lighter version of the original color is **90.2680, -39.2287, -7.2045**, and **46.2497, -23.8790, -6.2603** is the 20% darker color. If you saturate the color by 10%, you get **66.3357, -34.4879, -8.0226**, and if you desaturate by 10%, it is **66.9250, -32.9860, -7.2079**.

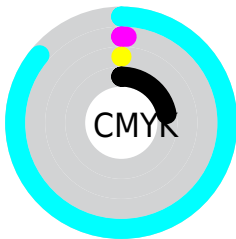
Distribution



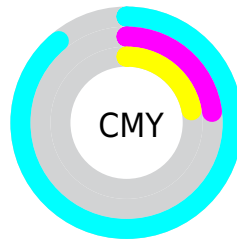
- Red (11%)
- Green (77%)
- Blue (78%)



- Red (11%)
- Yellow (44%)
- Blue (78%)



- Cyan (86%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5604, -34.0056, -7.7119 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 66.5604, -34.0056, -7.7119 by changing the saturation by 10% instead.

66.5604, -34.0056,
-7.7119

66.5604, -34.0056,
-7.7119

190.7746,
-55.7249, -5.0824

55.5967, -31.2728,
-7.7556

90.3746, -39.1887,
-7.4492

45.3104, -28.4109,
-7.7359

103.1607,
-41.6743, -7.2405

35.7507, -25.3801,
-7.6456

116.4986,
-44.1061, -6.9844

26.9778, -22.1199,
-7.4780

130.3664,
-46.4933, -6.6839

19.0698, -18.5336,
-7.2271

144.7446,
-48.8434, -6.3414

12.1343, -15.6044,
-6.8951

159.6157,

5.1883, -9.0796,

-51.1621, -5.9590

-9.7554

174.9638,
-53.4546, -5.5388

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5604, -34.0056,
-7.7119

■ 66.5604, -34.0056,
-7.7119

■ 66.3357, -34.4879,
-8.0226

■ 66.9250, -32.9860,
-7.2079

■ 66.2637, -34.6051,
-8.1215

■ 67.4473, -31.3517,
-6.4867

■ 68.1440, -29.0571,
-5.5316

■ 69.0258, -26.0806,
-4.3356

■ 70.0997, -22.4210,

-2.8988

■ 71.3696, -18.0951,
-1.2274

■ 72.8363, -13.1340,
0.6672

■ 74.4986, -7.5798,
2.7701

■ 76.3528, -1.4821,
5.0638

Harmonies

Analogous

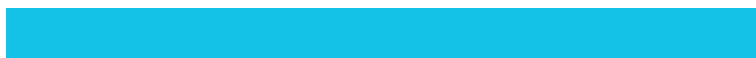
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5616, -34.8023, 10.2174



66.5604, -34.0056, -7.7119



66.5616, -25.6161, -26.6591

Triad

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



66.5616, -34.0057, -7.7110



66.5616, 24.9200, -23.0648



66.5616, 3.9245, 28.8882

Complementary

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



66.5604, -34.0056, -7.7119



36.2708, 55.7603, 21.5282

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.



66.5616, 21.8154, 24.1430



66.5604, -34.0056, -7.7119



66.5616, 34.7902, -3.7235

Square

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



66.5616, -34.0057, -7.7110



66.5616, 7.8037, -37.0526



66.5616, 33.5959, 13.2591



66.5616, -14.1999, 28.3641

Rectangle

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



66.5604, -34.0056, -7.7119



66.5616, -16.2756, -35.8534



66.5616, 33.5959, 13.2591



66.5616, 10.1987, 27.9242

Sweetspot

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



66.5616, -34.0057, -7.7110



94.3541, -24.2269, -1.7329



64.1705, -53.5694, 37.5875



43.3675, -12.1784, -1.1751

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5616, -34.0057, -7.7110



87.6659, -45.7716, -10.7669



40.3674, 3.4265, -54.4282



34.7066, -4.4929, 0.9485



53.1447, -27.7600, -6.5004



11.5945, -6.0765, -1.3746

Inverse Universe

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



41.2372, 75.2138, -49.2237



53.1879, 104.3018, -68.0793



49.1434, 21.9693, 29.3396



32.8853, 2.5794, -1.1248



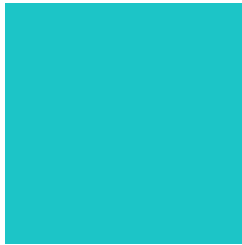
32.2354, 63.2184, -41.2963



7.0195, 13.7738, -9.0510

Previews

White Background



This preview shows how the HunterLab color 66.5604, -34.0056, -7.7119 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 66.5604, -34.0056, -7.7119 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

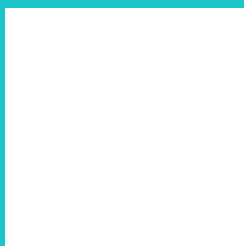
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.5604, -34.0056, -7.7119 Background



This preview shows how black text looks on a background with the HunterLab color 66.5604, -34.0056, -7.7119.



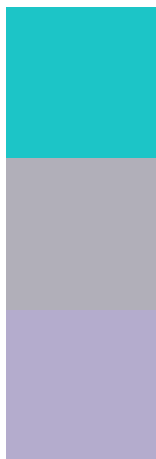
This preview shows how white text looks on a background with the HunterLab color 66.5604,

-34.0056, -7.7119.

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

66.5604, -34.0056, -7.7119

Protanopia

65.9620, -1.1861, -0.6316

Deuteranopia

66.0425, 4.9555, -11.0704



Tritanopia

66.5023, -29.8759, -14.4889

Trichromacy



Original Color

66.5604, -34.0056, -7.7119



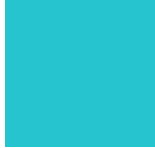
Protanomaly

64.6495, -18.1676, -5.1579



Deuteranomaly

64.5906, -14.2066, -12.3115



Tritanomaly

66.6169, -31.4644, -12.0406

Monochromacy



Original Color

66.5604, -34.0056, -7.7119



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.1021, -18.5063, -2.5966

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5604, -34.0056, -7.7119 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(28, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(28, 197, 199)  
}
```

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(28, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 197, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5604, -34.0056, -7.7119 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(28, 197, 199) }
```


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

```
.border{ border-color:rgb(28, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(28, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(28, 197,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5604, -34.0056, -7.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 197, 199) }
```

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

```
.background{ background-color: rgb(28, 197,  
199) }
```

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