

Converting Colors

HunterLab(68.5437, -28.3457,
-17.4322)

Have a look what the booklet for
HunterLab(68.5437, -28.3457,
-17.4322) contains.

HunterLab(68.5107, -28.2817, -17.4791)	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(68.5107,
-28.2817, -17.4791)**

Conversions

Conversions Part 1

Format	Color
Hex	39C7DD
RGB	57, 199, 221
RGB Percent	22%, 78%, 87%
CMY	0.7764, 0.2196, 0.1333
CMYK	0.74, 0.10, 0.00, 0.13
HSL	188°, 71%, 55%
HSV	188°, 74%, 87%
XYZ	35.1619, 46.9372, 75.6132
YIQ	159.0500, -91.6940, -23.2620

Conversions

Conversions Part 2

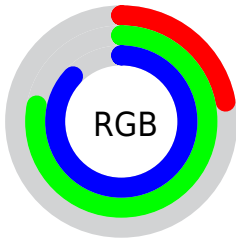
Format	Color
RYB	57, 133, 221
Decimal	3786717
CIELab	74.15, -29.64, -21.68
CIELCh	74, 36.723, 216.180
Yxy	46.9389, 0.2230, 0.2976
Android (android.graphics.Color)	4281976797 (0xFF39C7DD)
YUV	159.0500, 30.5413, -89.4979
Hunter-Lab	68.5107, -28.2817, -17.4791

Details

The HunterLab color **68.5107, -28.2817, -17.4791** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **46.1101, 48.4294, 24.2813**, and the grayscale version is **58.8103, -3.1380, 3.1953**.

A 20% lighter version of the original color is **91.2848, -37.1201, -5.8488**, and **47.9625, -20.6350, -15.4038** is the 20% darker color. If you saturate the color by 10%, you get **67.1367, -28.4476, -19.5410**, and if you desaturate by 10%, it is **70.0809, -27.3869, -15.1702**.

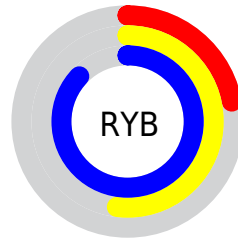
Distribution



Red (22%)

Green (78%)

Blue (87%)



Red (22%)

Yellow (52%)

Blue (87%)

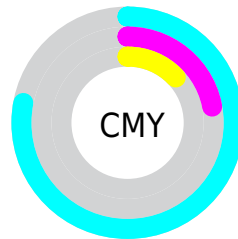


Cyan (74%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (78%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5107, -28.2817, -17.4791 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 68.5107, -28.2817, -17.4791 by changing the saturation by 10% instead.

68.5107, -28.2817,
-17.4791

68.5107, -28.2817,
-17.4791

193.5382,
-46.5221, -17.4943

57.4346, -26.0585,
-17.2038

92.5324, -32.5476,
-17.8434

47.0284, -23.7513,
-16.8658

105.4150,
-34.6147, -17.9404

37.3399, -21.3327,
-16.4641

118.8454,
-36.6495, -17.9842

28.4268, -18.7618,
-16.0054

132.8023,
-38.6583, -17.9776

20.3635, -15.9725,
-15.5133

147.2665,
-40.6462, -17.9231

13.2513, -12.8798,
-15.0647

162.2206,

6.7787, -11.8627,

-42.6173, -17.8230

-16.6360

177.6493,
-44.5750, -17.6795

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.5107, -28.2817,
-17.4791

■ 68.5107, -28.2817,
-17.4791

■ 67.1367, -28.4476,
-19.5410

■ 70.0809, -27.3869,
-15.1702

■ 65.9372, -27.9479,
-21.3704

■ 71.8538, -25.7371,
-12.6209


■ 65.2971, -27.4500,
-22.3591


■ 73.8349, -23.3339,
-9.8435


■ 76.0247, -20.1995,
-6.8571

■ 78.4201, -16.3716,

-3.6845

 81.0159, -11.8974,
-0.3495

 83.8051, -6.8304,
3.1242

 86.7797, -1.2258,
6.7141

 89.8342, 4.5353,
10.2863

Harmonies

Analogous

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



68.5120, -33.4406, 0.2677



68.5107, -28.2817, -17.4791



68.5120, -16.4669, -31.5945

Triad

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



68.5120, -28.2817, -17.4780



68.5120, 29.1699, -10.1777



68.5120, -7.1712, 28.1485

Complementary

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



68.5107, -28.2817, -17.4791



46.1101, 48.4294, 24.2813

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.



68.5120, 10.1642, 26.6560



68.5107, -28.2817, -17.4791



68.5120, 32.2786, 7.0192

Square

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



68.5120, -28.2817, -17.4780



68.5120, 16.9004, -26.7066



68.5120, 25.0212, 19.7744



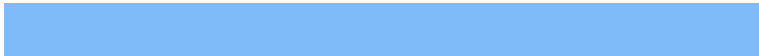
68.5120, -22.0483, 24.5143

Rectangle

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



68.5107, -28.2817, -17.4791



68.5120, -5.8408, -35.5031



68.5120, 25.0212, 19.7744



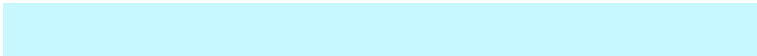
68.5120, -1.4501, 28.2143

Sweetspot

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



68.5120, -28.2817, -17.4780



92.8227, -18.2464, -3.5527



72.9017, -56.6897, 37.9322



42.5708, -9.0665, -2.1297

0.0000, NaN, NaN



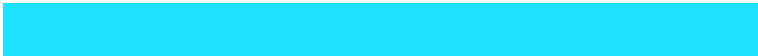
46.2646, -2.4686, 2.5136

Same Dimension

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



68.5120, -28.2817, -17.4780



78.1524, -33.2206, -24.1982



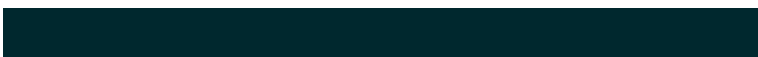
43.4124, 10.8565, -66.4864



38.0999, -4.4193, 0.5984



49.8896, -21.0794, -16.8533



13.0260, -5.7852, -3.7928

Inverse Universe

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



47.3534, 73.9139, -37.1823



52.4451, 96.0515, -46.1744



64.1193, 8.2786, 36.0742



36.3912, 2.7064, -0.7246



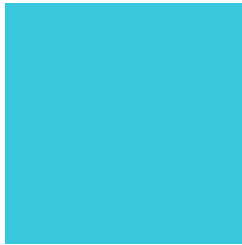
33.3712, 63.7610, -29.6895



8.5439, 16.4043, -8.2203

Previews

White Background



This preview shows how the HunterLab color 68.5107, -28.2817, -17.4791 looks on a white background.

Color Contrast Check

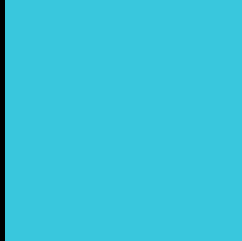
Large Text (above 18pt) WCAG AA × Fail

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 68.5107, -28.2817, -17.4791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

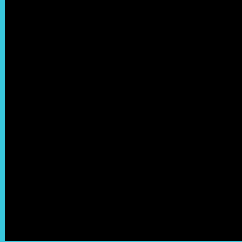
Any Text WCAG AA ✓ Pass

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 68.5107, -28.2817, -17.4791 Background



This preview shows how black text looks on a background with the HunterLab color 68.5107, -28.2817, -17.4791.



This preview shows how white text looks on a background with the HunterLab color 68.5107, -28.2817, -17.4791.

-28.2817, -17.4791.

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

68.5107, -28.2817, -17.4791

Protanopia

67.8413, 0.7573, -10.3359

Deuteranopia

67.8596, 5.2148, -20.9591



Tritanopia

68.5735, -30.1540, -14.4438

Trichromacy



Original Color

68.5107, -28.2817, -17.4791



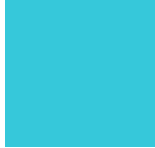
Protanomaly

67.0138, -12.7478, -14.6249



Deuteranomaly

67.0711, -10.0705, -21.1871



Tritanomaly

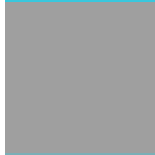
68.6693, -29.6325, -15.4749

Monochromacy



Original Color

68.5107, -28.2817, -17.4791



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.4712, -15.7983, -5.0839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5107, -28.2817, -17.4791 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(57, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(57, 199, 221)  
}
```

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(57, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 199, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5107, -28.2817, -17.4791 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(57, 199, 221) }
```


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

```
.border{ border-color:rgb(57, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(57, 199,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5107, -28.2817, -17.4791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 199, 221) }
```

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

```
.background{ background-color: rgb(57, 199,  
221) }
```

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