

Converting Colors

HunterLab(72.0114, -17.3763,
-26.9248)

Have a look what the booklet for
HunterLab(72.0114, -17.3763,
-26.9248) contains.

HunterLab(71.8894, -17.0557, -27.2468)	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(71.8894,
-17.0557, -27.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	6EC9F5
RGB	110, 201, 245
RGB Percent	43%, 79%, 96%
CMY	0.5686, 0.2118, 0.0392
CMYK	0.55, 0.18, 0.00, 0.04
HSL	200°, 87%, 70%
HSV	200°, 55%, 96%
XYZ	43.7985, 51.6809, 94.0532
YIQ	178.8070, -68.3600, -5.6080

Conversions

Conversions Part 2

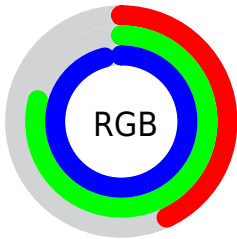
Format	Color
R _Y B	110, 164, 245
Decimal	7260661
CIE Lab	77.09, -15.05, -29.97
CIE LCh	77, 33.539, 243.338
Yxy	51.6828, 0.2311, 0.2727
Android (android.graphics.Color)	4285450741 (0xFF6EC9F5)
YUV	178.8070, 32.6331, -60.3437
Hunter-Lab	71.8894, -17.0557, -27.2468

Details

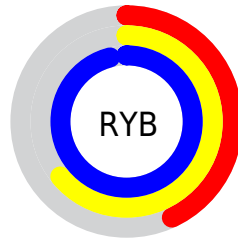
The HunterLab color **71.8894, -17.0557, -27.2468** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **66.0692, 24.9432, 27.9084**, and the grayscale version is **66.9502, -3.5723, 3.6375**.

A 20% lighter version of the original color is **93.4270, -29.0160, -2.9780**, and **50.0338, -14.1600, -26.4680** is the 20% darker color. If you saturate the color by 10%, you get **68.3341, -16.8014, -33.1407**, and if you desaturate by 10%, it is **75.6954, -16.4662, -21.3098**.

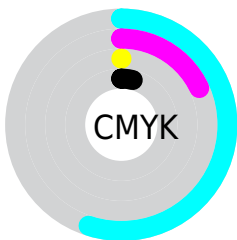
Distribution



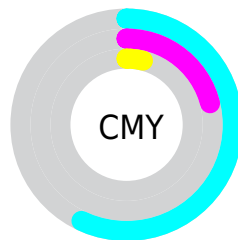
- Red (43%)
- Green (79%)
- Blue (96%)



- Red (43%)
- Yellow (64%)
- Blue (96%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (57%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.8894, -17.0557, -27.2468 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 71.8894, -17.0557, -27.2468 by changing the saturation by 10% instead.

■ 71.8894, -17.0557,
-27.2468

■ 71.8894, -17.0557,
-27.2468

198.2954,
-29.4738, -29.2424

■ 60.6237, -15.6670,
-26.7626

■ 96.2617, -19.8062,
-28.0494

■ 50.0157, -14.2607,
-26.2308

■ 109.3078,
-21.1764, -28.3698

■ 40.1108, -12.8271,
-25.6616

■ 122.8952,
-22.5474, -28.6373

■ 30.9629, -11.3516,
-25.0816

137.0031,
-23.9211, -28.8535

■ 22.6407, -9.8106,
-24.5541

151.6130,
-25.2995, -29.0203

■ 15.2361, -8.1634,
-24.2429

166.7082,

■ 8.8600, -7.8751,

-26.6837, -29.1395

-24.7508

182.2736,
-28.0748, -29.2129

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 71.8894, -17.0557,
-27.2468

■ 71.8894, -17.0557,
-27.2468

■ 68.3341, -16.8014,
-33.1407

■ 75.6954, -16.4662,
-21.3098

■ 65.0358, -15.6580,
-38.9545

■ 79.7347, -15.0946,
-15.3688

■ 61.9999, -13.6112,
-44.6456

■ 83.9942, -13.0103,
-9.4501

■ 59.2199, -10.6987,
-50.1858

■ 88.4588, -10.2837,
-3.5737

■ 57.9282, -9.0443,

■ 93.1139, -6.9828,

-52.8813

2.2473

97.7502, -3.8469,
7.7680

99.6858, -7.0596,
9.9219

Harmonies

Analogous

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



71.8907, -27.6489, -13.9830



71.8894, -17.0557, -27.2468



71.8907, -2.0504, -31.6125

Triad

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



71.8907, -17.0558, -27.2455



71.8907, 29.3119, 5.5866



71.8907, -19.8881, 24.2236

Complementary

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



71.8894, -17.0557, -27.2468



66.0692, 24.9432, 27.9084

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.



71.8907, -5.6118, 27.3206



71.8894, -17.0557, -27.2468



71.8907, 23.5381, 18.1368

Square

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



71.8907, -17.0558, -27.2455



71.8907, 25.5855, -10.4049



71.8907, 10.4058, 25.3608



71.8907, -29.1816, 15.7829

Rectangle

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



71.8894, -17.0557, -27.2468



71.8907, 8.6821, -28.2545



71.8907, 10.4058, 25.3608



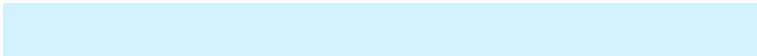
71.8907, -15.5592, 25.8296

Sweetspot

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



71.8907, -17.0558, -27.2455



91.6512, -11.3635, -4.9265



84.2097, -52.3755, 29.8287



41.9629, -5.5354, -2.8511

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.8907, -17.0558, -27.2455



71.1396, -17.5020, -35.3196



52.1228, 16.8066, -65.8541



42.1831, -3.9367, -0.1382



42.8257, -7.1168, -38.1652



13.4110, -3.1905, -9.8751

Inverse Universe

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



58.9772, 59.5486, -18.1693



56.7494, 73.8951, -20.9216



84.7688, -9.0918, 41.7558



40.8302, 2.7381, 0.1326



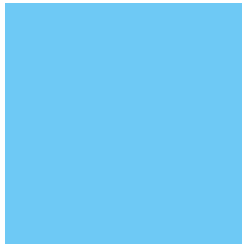
34.5700, 63.5206, -11.1378



10.3402, 19.1590, -4.5672

Previews

White Background



This preview shows how the HunterLab color 71.8894, -17.0557, -27.2468 looks on a white background.

Color Contrast Check

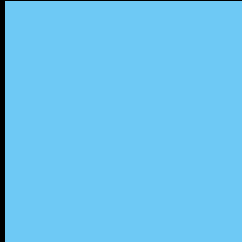
Large Text (above 18pt) WCAG AA × Fail

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 71.8894, -17.0557, -27.2468 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

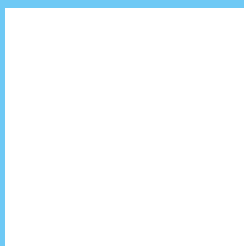
Any Text WCAG AAA ✓ Pass

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

HunterLab 71.8894, -17.0557, -27.2468 Background



This preview shows how black text looks on a background with the HunterLab color 71.8894, -17.0557, -27.2468.



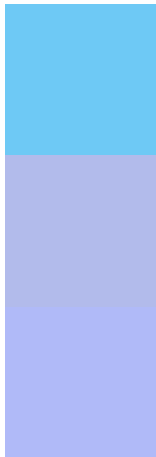
This preview shows how white text looks on a background with the HunterLab color 71.8894,

-17.0557, -27.2468.

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

71.8894, -17.0557, -27.2468

Protanopia

71.4169, 2.8046, -21.1952

Deuteranopia

71.5019, 5.7016, -29.4805



Tritanopia

71.9050, -25.5853, -13.1235

Trichromacy



Original Color

71.8894, -17.0557, -27.2468

Protanomaly

71.2064, -5.3718, -24.2122

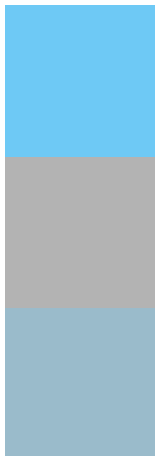
Deuteranomaly

71.1705, -3.2380, -29.5083

Tritanomaly

72.0014, -22.9089, -17.6805

Monochromacy



Original Color

71.8894, -17.0557, -27.2468

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

68.3538, -10.2631, -7.0683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.8894, -17.0557, -27.2468 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(110, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(110, 201, 245)  
}
```

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(110, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 201, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 71.8894, -17.0557, -27.2468 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(110, 201, 245) }
```


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

```
.border{ border-color:rgb(110, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(110, 201,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.8894, -17.0557, -27.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 201, 245) }
```

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

```
.background{ background-color: rgb(110,  
201, 245) }
```

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