

Converting Colors

HunterLab(74.3290, -16.5068,
-17.4559)

Have a look what the booklet for
HunterLab(74.3290, -16.5068,
-17.4559) contains.

HunterLab(74.4709, -16.7507, -16.9798)	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(74.4709,
-16.7507, -16.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	89CEEB
RGB	137, 206, 235
RGB Percent	54%, 81%, 92%
CMY	0.4627, 0.1921, 0.0784
CMYK	0.42, 0.12, 0.00, 0.08
HSL	198°, 71%, 73%
HSV	198°, 42%, 92%
XYZ	47.3833, 55.4591, 86.8045
YIQ	188.6750, -50.4330, -5.6090

Conversions

Conversions Part 2

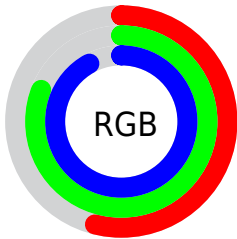
Format	Color
R _Y B	137, 177, 235
Decimal	9031403
CIE Lab	79.31, -14.34, -21.13
CIE LCh	79, 25.534, 235.838
Yxy	55.4613, 0.2499, 0.2924
Android (android.graphics.Color)	4287221483 (0xFF89CEEB)
YUV	188.6750, 22.8382, -45.3190
Hunter-Lab	74.4709, -16.7507, -16.9798

Details

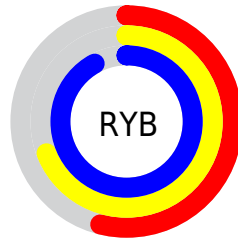
The HunterLab color $74.4709, -16.7507, -16.9798$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $68.3681, 17.2011, 21.9034$, and the grayscale version is $71.1224, -3.7949, 3.8642$.

A 20% lighter version of the original color is $94.9786, -23.2711, -0.9405$, and $52.4027, -14.1831, -16.2110$ is the 20% darker color. If you saturate the color by 10%, you get $71.0016, -17.8953, -22.1960$, and if you desaturate by 10%, it is $78.1607, -14.8803, -11.7201$.

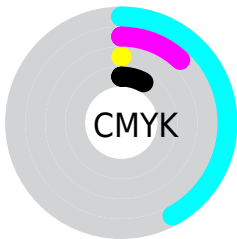
Distribution



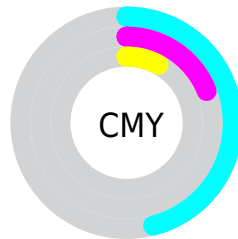
- Red (54%)
- Green (81%)
- Blue (92%)



- Red (54%)
- Yellow (69%)
- Blue (92%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.4709, -16.7507, -16.9798 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 74.4709, -16.7507, -16.9798 by changing the saturation by 10% instead.

■ 74.4709, -16.7507,
-16.9798

■ 74.4709, -16.7507,
-16.9798

201.9055,
-28.9025, -16.6171

■ 63.0644, -15.4033,
-16.7540

■ 99.1042, -19.4295,
-17.2490

■ 52.3069, -14.0421,
-16.4660

■ 112.2721,
-20.7674, -17.3010

■ 42.2420, -12.6594,
-16.1131

125.9766,
-22.1078, -17.3016

■ 32.9211, -11.2426,
-15.6970

140.1972,
-23.4528, -17.2533

■ 24.4090, -9.7721,
-15.2284

154.9160,
-24.8036, -17.1586

■ 16.7915, -8.2144,
-14.7448

170.1167,

■ 10.1895, -6.8093,

-26.1616, -17.0197

-14.3763

185.7843,
-27.5277, -16.8386

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 74.4709, -16.7507,
-16.9798

■ 74.4709, -16.7507,
-16.9798

■ 71.0016, -17.8953,
-22.1960

■ 78.1607, -14.8803,
-11.7201

■ 67.7595, -18.2561,
-27.3404

■ 82.0542, -12.3453,
-6.4475

■ 64.7545, -17.7912,
-32.3755

■ 86.1399, -9.2104,
-1.1813

■ 61.9901, -16.4831,
-37.2653

■ 90.4049, -5.5373,
4.0633

■ 59.4612, -14.3545,

■ 94.8370, -1.3838,

-41.9836

9.2760

■ 57.5116, -12.0826,
-45.8017

■ 97.0695, -4.8886,
11.7205

■ 99.2846, -8.5360,
14.0926

■ 99.3872, -8.7031,
14.2014

Harmonies

Analogous

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



74.4723, -24.0187, -6.3909



74.4709, -16.7507, -16.9798



74.4723, -5.6797, -21.9431

Triad

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



74.4723, -16.7512, -16.9785



74.4723, 21.0077, 2.4088



74.4723, -13.9705, 21.5359

Complementary

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



74.4709, -16.7507, -16.9798



68.3681, 17.2011, 21.9034

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.



74.4723, -2.2601, 23.1217



74.4709, -16.7507, -16.9798



74.4723, 18.4360, 13.1753

Square

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



74.4723, -16.7512, -16.9785



74.4723, 16.5376, -9.6617



74.4723, 9.7195, 20.3168



74.4723, -22.4875, 15.5728

Rectangle

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



74.4709, -16.7507, -16.9798



74.4723, 2.5623, -20.8919



74.4723, 9.7195, 20.3168



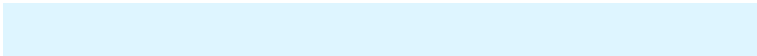
74.4723, -10.2995, 22.5527

Sweetspot

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



74.4723, -16.7512, -16.9785



93.8862, -10.6078, -2.0791



82.1245, -42.0042, 24.2489



42.9710, -5.2767, -1.5541

0.0000, NaN, NaN



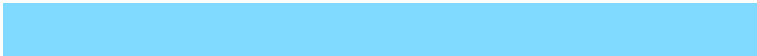
46.2646, -2.4686, 2.5136

Same Dimension

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



74.4723, -16.7512, -16.9785



78.4453, -19.5006, -23.5096



59.8763, 7.2486, -40.8062



40.4047, -3.9134, -0.0031



43.1745, -9.4189, -33.6317



12.7653, -3.6153, -8.1511

Inverse Universe

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



63.2546, 42.6727, -15.0106



64.4920, 57.2304, -19.7798



82.1248, -7.2970, 33.3896



39.0300, 2.6487, -0.0094



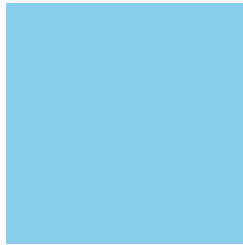
33.7262, 62.3373, -13.7115



9.5389, 17.7828, -5.0536

Previews

White Background



This preview shows how the HunterLab color 74.4709, -16.7507, -16.9798 looks on a white background.

Color Contrast Check

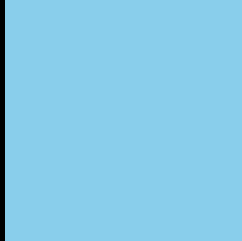
Large Text (above 18pt) WCAG AA × Fail

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 74.4709, -16.7507, -16.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

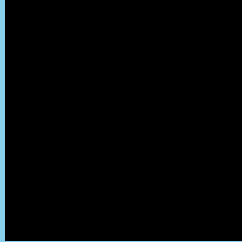
Any Text WCAG AA ✓ Pass

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 74.4709, -16.7507, -16.9798 Background



This preview shows how black text looks on a background with the HunterLab color 74.4709, -16.7507, -16.9798.



This preview shows how white text looks on a background with the HunterLab color 74.4709,

-16.7507, -16.9798.

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

74.4709, -16.7507, -16.9798

Protanopia

74.2137, 0.9507, -12.3123

Deuteranopia

74.0082, 5.6863, -19.0993



Tritanopia

74.5399, -20.6674, -10.5241

Trichromacy



Original Color

74.4709, -16.7507, -16.9798

Protanomaly

73.9995, -5.8229, -14.4856

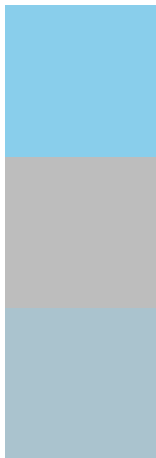
Deuteranomaly

73.8096, -2.7829, -18.9273

Tritanomaly

74.4164, -19.1511, -12.9595

Monochromacy



Original Color

74.4709, -16.7507, -16.9798

Achromatopsia

71.3359, -3.8063, 3.8758

Achromatomaly

72.1336, -9.3514, -3.7109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.4709, -16.7507, -16.9798 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(137, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(137, 206, 235)  
}
```

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(137, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 206, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 74.4709, -16.7507, -16.9798 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(137, 206, 235) }
```


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

```
.border{ border-color:rgb(137, 206, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 206, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 206, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 206, 235);  
box-shadow:4px 4px 4px 4px rgb(137, 206,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.4709, -16.7507, -16.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 206, 235) }
```

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

```
.background{ background-color: rgb(137,  
206, 235) }
```

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