

Converting Colors

HunterLab(77.5966, -4.5017,
-20.7430)

Have a look what the booklet for
HunterLab(77.5966, -4.5017,
-20.7430) contains.

HunterLab(77.5966, -4.5017, -20.7430)	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(77.5966, -4.5017,
-20.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CEF9
RGB	176, 206, 249
RGB Percent	69%, 81%, 98%
CMY	0.3098, 0.1921, 0.0235
CMYK	0.29, 0.17, 0.00, 0.02
HSL	215°, 86%, 83%
HSV	215°, 29%, 98%
XYZ	57.0747, 60.2123, 98.2366
YIQ	201.9320, -31.6830, 7.0130

Conversions

Conversions Part 2

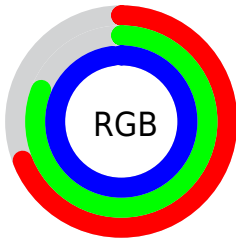
Format	Color
R _Y B	176, 197, 249
Decimal	11587321
CIE Lab	81.95, -0.38, -24.37
CIE LCh	82, 24.373, 269.099
Yxy	60.2147, 0.2648, 0.2794
Android (android.graphics.Color)	4289777401 (0xFFB0CEF9)
YUV	201.9320, 23.2045, -22.7424
Hunter-Lab	77.5966, -4.5017, -20.7430

Details

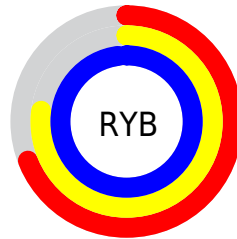
The HunterLab color $77.5966, -4.5017, -20.7430$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $85.9873, -0.5240, 24.6530$, and the grayscale version is $76.7380, -4.0945, 4.1693$.

A 20% lighter version of the original color is $98.0121, -12.3218, 2.9482$, and $55.1360, -3.3509, -19.7104$ is the 20% darker color. If you saturate the color by 10%, you get $71.3006, -3.1436, -30.6465$, and if you desaturate by 10%, it is $84.1326, -5.2297, -11.4091$.

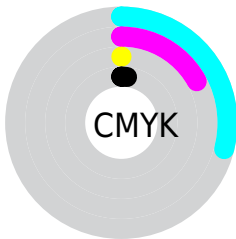
Distribution



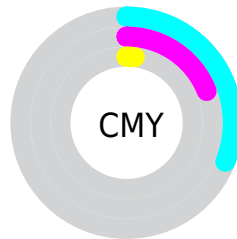
- Red (69%)
- Green (81%)
- Blue (98%)



- Red (69%)
- Yellow (77%)
- Blue (98%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5966, -4.5017, -20.7430 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 77.5966, -4.5017, -20.7430 by changing the saturation by 10% instead.

■ 77.5966, -4.5017,
-20.7430

■ 77.5966, -4.5017,
-20.7430

206.2495,
-11.5121, -21.1280

■ 66.0240, -3.8656,
-20.4343

■ 102.5383, -5.8696,
-21.1808

■ 55.0905, -3.2617,
-20.0666

115.8504, -6.5969,
-21.3176

■ 44.8376, -2.6929,
-19.6390

129.6934, -7.3520,
-21.4025

■ 35.3140, -2.1613,
-19.1570

144.0477, -8.1338,
-21.4380

■ 26.5803, -1.6699,
-18.6380

158.8957, -8.9415,
-21.4262

■ 18.7160, -1.2222,
-18.1310

174.2214, -9.7743,

■ 11.8303, -0.8227,

-21.3694

-17.7856

190.0104,
-10.6314, -21.2694

■ 4.6519, -0.6073,
-26.1215

0.0000, NaN, -NF

■ 77.5966, -4.5017,
-20.7430

■ 77.5966, -4.5017,
-20.7430

■ 71.3006, -3.1436,
-30.6465

■ 84.1326, -5.2297,
-11.4091

■ 65.2725, -1.0371,
-41.2067

■ 90.8773, -5.4227,
-2.5689

■ 59.5533, 1.9496,
-52.4969

■ 97.8099, -5.1625,
5.8519

■ 54.1896, 5.9573,
-64.5634

■ 99.8096, -6.3796,
8.1513

■ 49.2357, 11.1157,
-77.3920

■ 44.7494, 17.4998,
-90.8648

■ 40.7656, 25.0101,
-104.7924

■ 40.5071, 25.5448,
-105.7741

Harmonies

Analogous

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



77.5981, -15.5095, -16.7857



77.5966, -4.5017, -20.7430



77.5981, 7.2575, -17.2170

Triad

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



77.5981, -4.5026, -20.7415



77.5981, 16.7986, 14.0486



77.5981, -22.7548, 14.5568

Complementary

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



77.5966, -4.5017, -20.7430



85.9873, -0.5240, 24.6530

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.



77.5981, -14.9242, 20.8854



77.5966, -4.5017, -20.7430



77.5981, 7.9145, 20.6244

Square

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



77.5981, -4.5026, -20.7415



77.5981, 19.9930, 3.8822



77.5981, -3.7860, 22.9309



77.5981, -25.6506, 4.5640

Rectangle

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



77.5966, -4.5017, -20.7430



77.5981, 13.8510, -11.3606



77.5981, -3.7860, 22.9309



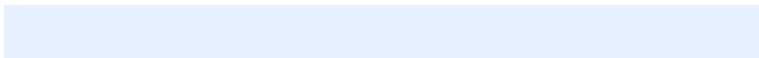
77.5981, -20.6364, 17.1247

Sweetspot

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



77.5981, -4.5026, -20.7415



93.5845, -5.5698, -2.3695



90.5955, -31.4322, 11.6015



42.8232, -2.5787, -1.6943

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.5981, -4.5026, -20.7415



75.9889, -3.9130, -27.0618



69.1717, 12.9746, -33.9698



42.2074, -2.5223, -1.2673



30.0773, 17.6640, -75.7255



10.2022, 3.1168, -19.4802

Inverse Universe

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



74.5979, 26.7452, 0.0229



72.6129, 34.0467, -0.5033



94.8299, -17.9139, 32.4384



41.6455, 2.3014, 1.4822



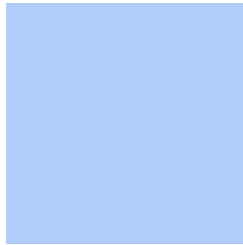
33.6514, 59.2445, 9.2217



10.3407, 18.3939, 1.3713

Previews

White Background



This preview shows how the HunterLab color 77.5966, -4.5017, -20.7430 looks on a white background.

Color Contrast Check

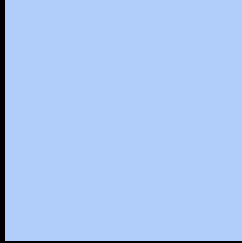
Large Text (above 18pt) WCAG AA × Fail

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 77.5966, -4.5017, -20.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

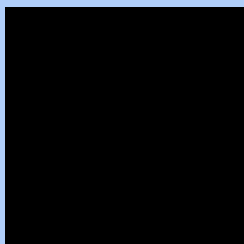
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

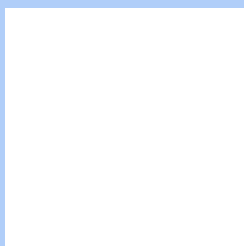
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.5966, -4.5017, -20.7430 Background



This preview shows how black text looks on a background with the HunterLab color 77.5966, -4.5017, -20.7430.



This preview shows how white text looks on a background with the HunterLab color 77.5966, -4.5017, -20.7430.

-20.7430.

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

77.5966, -4.5017, -20.7430

Protanopia

77.3928, 2.4156, -19.0633

Deuteranopia

77.3893, 5.8013, -21.5019



Tritanopia

77.6512, -12.4329, -7.8583

Trichromacy



Original Color

77.5966, -4.5017, -20.7430

Protanomaly

77.4545, -0.4098, -19.6391

Deuteranomaly

77.6013, 1.8929, -21.2505

Tritanomaly

77.7710, -9.7958, -12.1692

Monochromacy



Original Color

77.5966, -4.5017, -20.7430

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

76.9180, -4.3380, -4.3382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.5966, -4.5017, -20.7430 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(176, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 249)  
}
```

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(176, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 77.5966, -4.5017, -20.7430 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(176, 206, 249) }
```


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

```
.border{ border-color:rgb(176, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 249);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.5966, -4.5017, -20.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 249) }
```

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

```
.background{ background-color: rgb(176,  
206, 249) }
```

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