

Converting Colors

HunterLab(74.9337, -7.6575,
-16.9265)

Have a look what the booklet for
HunterLab(74.9337, -7.6575,
-16.9265) contains.

HunterLab(75.1027, -7.8705, -16.5083)	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(75.1027, -7.8705,
-16.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CAEC
RGB	166, 202, 236
RGB Percent	65%, 79%, 93%
CMY	0.3490, 0.2078, 0.0745
CMYK	0.30, 0.14, 0.00, 0.07
HSL	209°, 65%, 79%
HSV	209°, 30%, 93%
XYZ	51.9867, 56.4042, 87.5039
YIQ	195.1120, -32.3700, 2.9420

Conversions

Conversions Part 2

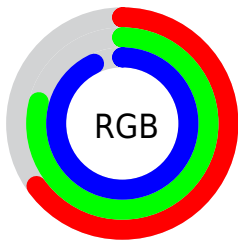
Format	Color
RYB	166, 190, 236
Decimal	10930924
CIELab	79.84, -4.21, -20.70
CIELCh	80, 21.122, 258.491
Yxy	56.4064, 0.2654, 0.2879
Android (android.graphics.Color)	4289121004 (0xFFA6CAEC)
YUV	195.1120, 20.1578, -25.5312
Hunter-Lab	75.1027, -7.8705, -16.5083

Details

The HunterLab color $75.1027, -7.8705, -16.5083$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $78.6735, 3.2865, 21.3467$, and the grayscale version is $73.8491, -3.9404, 4.0124$.

A 20% lighter version of the original color is $97.0925, -15.6029, 1.7822$, and $52.8392, -6.2908, -16.0024$ is the 20% darker color. If you saturate the color by 10%, you get $69.9318, -7.7841, -24.3262$, and if you desaturate by 10%, it is $80.4834, -7.3569, -8.9962$.

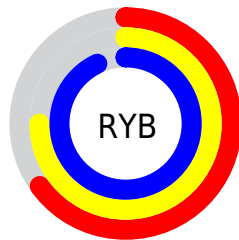
Distribution



Red (65%)

Green (79%)

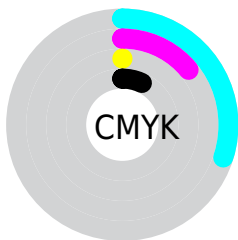
Blue (93%)



Red (65%)

Yellow (75%)

Blue (93%)

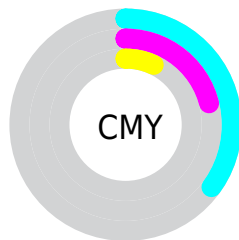


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1027, -7.8705, -16.5083 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 75.1027, -7.8705, -16.5083 by changing the saturation by 10% instead.

■ 75.1027, -7.8705,
-16.5083

■ 75.1027, -7.8705,
-16.5083

202.7859,
-16.2327, -16.0041

■ 63.6623, -7.0490,
-16.2995

■ 99.7991, -9.5815,
-16.7436

■ 52.8688, -6.2482,
-16.0287

■ 112.9964,
-10.4691, -16.7793

■ 42.7654, -5.4686,
-15.6924

126.7291,
-11.3780, -16.7638

■ 33.4029, -4.7089,
-15.2914

140.9770,
-12.3080, -16.6998

■ 24.8453, -3.9669,
-14.8345

155.7222,
-13.2588, -16.5897

■ 17.1770, -3.2378,
-14.3538

170.9483,

■ 10.5164, -2.5110,

-14.2300, -16.4358

-13.9623

186.6407,
-15.2214, -16.2399

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 75.1027, -7.8705,
-16.5083

■ 75.1027, -7.8705,
-16.5083

■ 69.9318, -7.7841,
-24.3262

■ 80.4834, -7.3569,
-8.9962

■ 64.9893, -7.0059,
-32.4750

■ 86.0492, -6.3200,
-1.7670

■ 60.3025, -5.4406,
-40.9625

■ 91.7841, -4.8293,
5.2094

■ 55.8994, -2.9918,
-49.7787

■ 97.1395, -4.7920,
11.3362

■ 51.8087, 0.4232,

■ 99.4164, -8.5424,

-58.8856

13.7829

■ 48.0555, 4.8484,
-68.2137

■ 44.6356, 10.1930,
-77.7293

■ 44.5229, 10.3824,
-78.0623

Harmonies

Analogous

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



75.1042, -16.5302, -11.2095



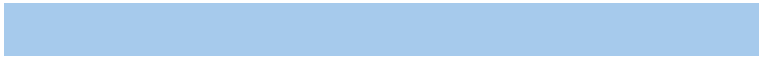
75.1027, -7.8705, -16.5083



75.1042, 2.2881, -15.7676

Triad

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



75.1042, -7.8714, -16.5069



75.1042, 15.4371, 9.7487



75.1042, -18.0938, 15.3954

Complementary

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



75.1027, -7.8705, -16.5083



78.6735, 3.2865, 21.3467

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.



75.1042, -10.1099, 19.6692



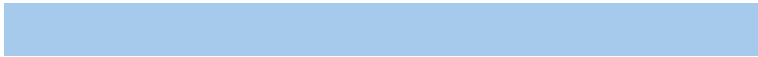
75.1027, -7.8705, -16.5083



75.1042, 9.3852, 16.7205

Square

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



75.1042, -7.8714, -16.5069



75.1042, 16.1153, 0.2831



75.1042, -0.0719, 20.1196



75.1042, -22.2191, 7.7039

Rectangle

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



75.1027, -7.8705, -16.5083



75.1042, 8.5438, -11.9683



75.1042, -0.0719, 20.1196



75.1042, -15.7925, 17.2328

Sweetspot

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



75.1042, -7.8714, -16.5069



94.3384, -6.8131, -1.4477



85.0067, -30.9012, 13.7975



43.2282, -3.2457, -1.1938

0.0000, NaN, NaN



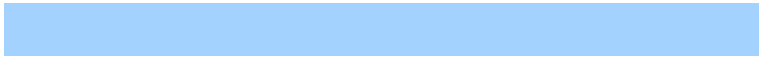
46.2646, -2.4686, 2.5136

Same Dimension

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



75.1042, -7.8714, -16.5069



78.3105, -8.6133, -23.5251



64.7018, 10.1373, -32.6737



39.7872, -2.9068, -0.7514



33.4474, 6.9497, -56.8086



10.3491, 0.1680, -13.2983

Inverse Universe

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



70.2646, 26.6420, -3.3885



72.2490, 36.7664, -5.0951



89.3915, -14.3868, 30.9016



38.9659, 2.3051, 0.9022



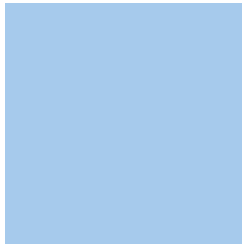
32.5917, 58.2453, 2.2144



9.2387, 16.7054, -0.8818

Previews

White Background



This preview shows how the HunterLab color 75.1027, -7.8705, -16.5083 looks on a white background.

Color Contrast Check

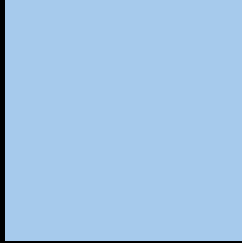
Large Text (above 18pt) WCAG AA × Fail

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 75.1027, -7.8705, -16.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

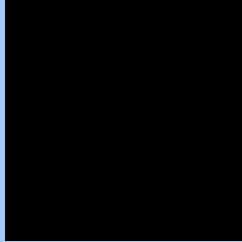
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

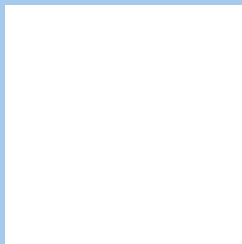
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.1027, -7.8705, -16.5083 Background



This preview shows how black text looks on a background with the HunterLab color 75.1027, -7.8705, -16.5083.



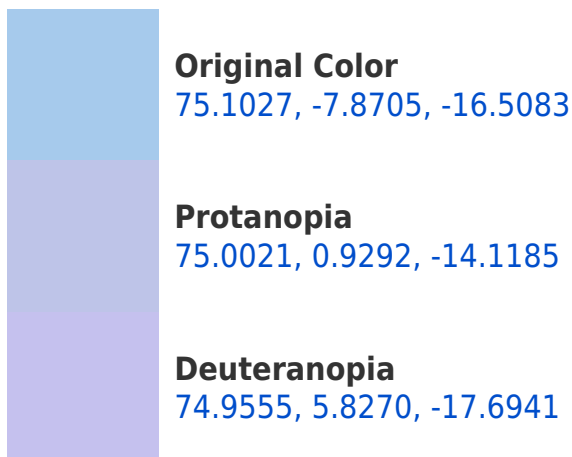
This preview shows how white text looks on a background with the HunterLab color 75.1027, -7.8705, -16.5083.

-16.5083.

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





Tritanopia

75.2792, -13.2115, -7.7217

Trichromacy



Original Color

75.1027, -7.8705, -16.5083

Protanomaly

74.8967, -2.4717, -14.9192

Deuteranomaly

74.8554, 0.8131, -17.3206

Tritanomaly

75.2125, -11.4626, -10.5744

Monochromacy



Original Color

75.1027, -7.8705, -16.5083

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

74.3180, -6.1357, -2.9563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1027, -7.8705, -16.5083 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(166, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 236)  
}
```

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(166, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 202, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1027, -7.8705, -16.5083 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(166, 202, 236) }
```


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

```
.border{ border-color:rgb(166, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(166, 202,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.1027, -7.8705, -16.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 202, 236) }
```

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

```
.background{ background-color: rgb(166,  
202, 236) }
```

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