

Converting Colors

HunterLab(68.8757, -13.3649,
-16.8782)

Have a look what the booklet for
HunterLab(68.8757, -13.3649,
-16.8782) contains.

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Color

**HunterLab(68.8975,
-13.4282, -16.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	85BFDD
RGB	133, 191, 221
RGB Percent	52%, 75%, 87%
CMY	0.4784, 0.2510, 0.1333
CMYK	0.40, 0.14, 0.00, 0.13
HSL	200°, 56%, 69%
HSV	200°, 40%, 87%
XYZ	41.3549, 47.4687, 75.3894
YIQ	177.0780, -44.1980, -2.9660

Conversions

Conversions Part 2

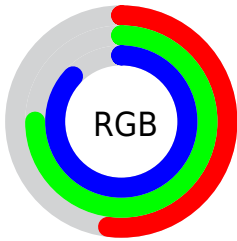
Format	Color
R _{YB}	133, 168, 221
Decimal	8765405
CIE _{Lab}	74.49, -11.16, -20.92
CIE _{LCh}	74, 23.709, 241.922
Y _{xy}	47.4705, 0.2518, 0.2891
Android (android.graphics.Color)	4286955485 (0xFF85BFDD)
YUV	177.0780, 21.6535, -38.6564
Hunter-Lab	68.8975, -13.4282, -16.6484

Details

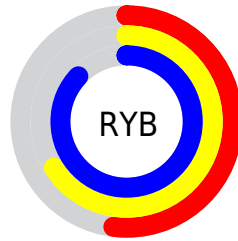
The HunterLab color **68.8975, -13.4282, -16.6484** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.7731, 12.8580, 20.7498**, and the grayscale version is **66.2664, -3.5358, 3.6004**.

A 20% lighter version of the original color is **91.9567, -20.5862, -4.6964**, and **47.4867, -11.2557, -15.9796** is the 20% darker color. If you saturate the color by 10%, you get **65.3106, -14.1934, -22.1058**, and if you desaturate by 10%, it is **72.6867, -12.0127, -11.2206**.

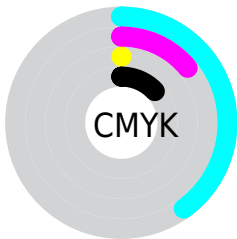
Distribution



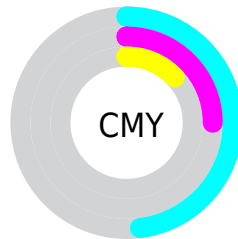
- Red (52%)
- Green (75%)
- Blue (87%)



- Red (52%)
- Yellow (66%)
- Blue (87%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8975, -13.4282, -16.6484 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 68.8975, -13.4282, -16.6484 by changing the saturation by 10% instead.

■ 68.8975, -13.4282,
-16.6484

■ 68.8975, -13.4282,
-16.6484

194.0849,
-24.3337, -16.4401

■ 57.7994, -12.2485,
-16.3991

■ 92.9599, -15.7939,
-16.9603

■ 47.3698, -11.0640,
-16.0864

■ 105.8615,
-16.9845, -17.0316

■ 37.6561, -9.8682,
-15.7085

■ 119.3102,
-18.1832, -17.0501

■ 28.7156, -8.6504,
-15.2700

133.2846,
-19.3912, -17.0186

■ 20.6220, -7.3928,
-14.7898

147.7656,
-20.6096, -16.9396

■ 13.4754, -6.0631,
-14.3328

162.7361,

■ 7.0501, -7.2738,

-21.8391, -16.8155

-15.4322

178.1806,
-23.0803, -16.6483

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.8975, -13.4282,
-16.6484

■ 68.8975, -13.4282,
-16.6484

■ 65.3106, -14.1934,
-22.1058

■ 72.6867, -12.0127,
-11.2206

■ 61.9356, -14.2456,
-27.5705

■ 76.6606, -10.0086,
-5.8443

■ 58.7854, -13.5333,
-33.0083

■ 80.8070, -7.4780,
-0.5302

■ 55.8687, -12.0231,
-38.3812

■ 85.1132, -4.4785,
4.7151

■ 53.1873, -9.7151,

■ 89.5672, -1.0623,

-43.6529

9.8891

■ 50.7143, -6.7247,
-48.8430

■ 93.0540, -1.0479,
13.7347

■ 50.6700, -6.6678,
-48.9392

■ 95.4074, -5.0085,
16.1907

■ 97.7989, -8.9373,
18.6351

■ 98.9952, -10.8685,
19.8396

Harmonies

Analogous

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



68.8988, -20.8554, -7.8566



68.8975, -13.4282, -16.6484



68.8988, -2.9635, -19.7501

Triad

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



68.8988, -13.4287, -16.6472



68.8988, 18.9452, 4.4271



68.8988, -14.5931, 18.8370

Complementary

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



68.8975, -13.4282, -16.6484



65.7731, 12.8580, 20.7498

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.



68.8988, -4.3935, 21.0946



68.8975, -13.4282, -16.6484



68.8988, 15.3624, 13.6341

Square

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



68.8988, -13.4287, -16.6472



68.8988, 16.1546, -6.4928



68.8988, 6.6429, 19.3501



68.8988, -21.4971, 12.6282

Rectangle

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



68.8975, -13.4282, -16.6484



68.8988, 4.4605, -17.8379



68.8988, 6.6429, 19.3501



68.8988, -11.4592, 20.0346

Sweetspot

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



68.8988, -13.4287, -16.6472



93.9017, -9.5232, -2.0407



77.0202, -37.2575, 20.3728



43.1437, -4.5946, -1.3239

0.0000, NaN, NaN



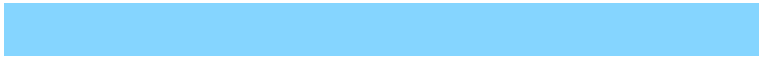
46.2646, -2.4686, 2.5136

Same Dimension

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



68.8988, -13.4287, -16.6472



77.3955, -16.6125, -25.0758



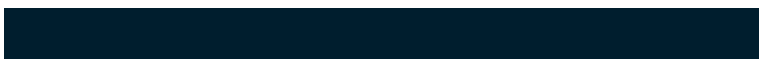
55.9320, 8.2739, -37.9046



37.4741, -3.4108, -0.1504



38.9005, -5.5258, -36.6935



10.6671, -2.5717, -7.7813

Inverse Universe

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



59.9252, 36.9524, -11.1972



65.3787, 53.8194, -16.0256



78.3391, -9.0266, 31.3185



36.3256, 2.3547, 0.2081



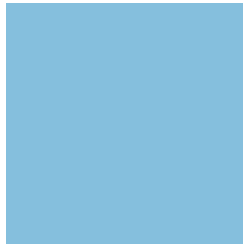
31.8613, 58.3970, -9.1299



8.2071, 15.2128, -3.6729

Previews

White Background



This preview shows how the HunterLab color 68.8975, -13.4282, -16.6484 looks on a white background.

Color Contrast Check

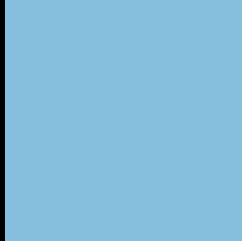
Large Text (above 18pt) WCAG AA × Fail

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 68.8975, -13.4282, -16.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

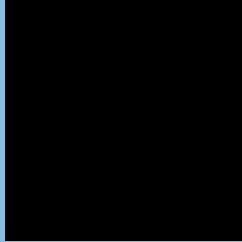
Any Text WCAG AA ✓ Pass

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 68.8975, -13.4282, -16.6484 Background



This preview shows how black text looks on a background with the HunterLab color 68.8975, -13.4282, -16.6484.



This preview shows how white text looks on a background with the HunterLab color 68.8975, -13.4282, -16.6484.

-13.4282, -16.6484.

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

68.8975, -13.4282, -16.6484

Protanopia

68.6534, 0.9289, -12.6215

Deuteranopia

68.7934, 5.1886, -18.2979



Tritanopia

68.9124, -17.5451, -9.7424

Trichromacy



Original Color

68.8975, -13.4282, -16.6484

Protanomaly

68.6886, -4.9000, -14.4236

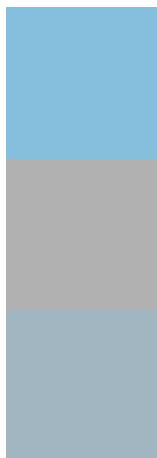
Deuteranomaly

68.5428, -1.8307, -18.1841

Tritanomaly

68.7958, -16.0367, -12.1417

Monochromacy



Original Color

68.8975, -13.4282, -16.6484

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

66.9949, -7.8643, -3.5054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8975, -13.4282, -16.6484 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(133, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 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(133, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8975, -13.4282, -16.6484 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(133, 191, 221) }
```


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

```
.border{ border-color:rgb(133, 191, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8975, -13.4282, -16.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 191, 221) }
```

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

```
.background{ background-color: rgb(133,  
191, 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](#).

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