

# Converting Colors

HunterLab(89.9219, -12.9536,  
-7.1970)

Have a look what the booklet for  
HunterLab(89.9219, -12.9536,  
-7.1970) contains.

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# Color

**HunterLab(89.8814,  
-12.8900, -7.2489)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C9EEFF                      |
| RGB         | 201, 238, 255               |
| RGB Percent | 79%, 93%, 100%              |
| CMY         | 0.2118, 0.0666, 0.0000      |
| CMYK        | 0.21, 0.07, 0.00, 0.00      |
| HSL         | 199°, 100%, 89%             |
| HSV         | 199°, 21%, 100%             |
| XYZ         | 72.7120, 80.7867, 106.3688  |
| YIQ         | 228.8750, -27.5090, -2.5570 |

# Conversions

## Conversions Part 2

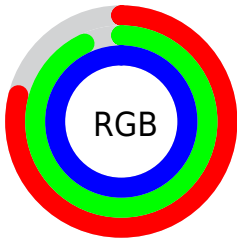
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 201, 223, 255                  |
| Decimal                             | 13233919                       |
| CIE Lab                             | 92.04, -8.39, -12.18           |
| CIE LCh                             | 92, 14.785, 235.444            |
| Yxy                                 | 80.7899, 0.2798,<br>0.3109     |
| Android<br>(android.graphics.Color) | 4291423999<br>(0xFFC9EEFF)     |
| YUV                                 | 228.8750, 12.8796,<br>-24.4464 |
| Hunter-Lab                          | 89.8814, -12.8900,<br>-7.2489  |

# Details

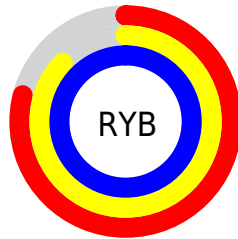
The HunterLab color **89.8814, -12.8900, -7.2489** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.9592, 5.5784, 16.0043**, and the grayscale version is **88.4188, -4.7178, 4.8040**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **66.0637, -10.8437, -7.4299** is the 20% darker color. If you saturate the color by 10%, you get **85.4249, -15.4837, -13.2960**, and if you desaturate by 10%, it is **94.5518, -9.6476, -1.2316**.

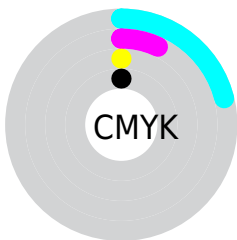
# Distribution



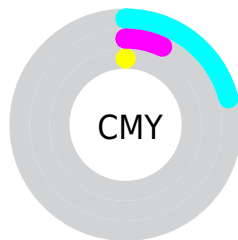
- Red (79%)
- Green (93%)
- Blue (100%)



- Red (79%)
- Yellow (87%)
- Blue (100%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.8814, -12.8900, -7.2489 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 89.8814, -12.8900, -7.2489 by changing the saturation by 10% instead.



89.8814, -12.8900,  
-7.2489

89.8814, -12.8900,  
-7.2489

223.0674,  
-22.9590, -3.8199

77.6972, -11.8430,  
-7.4100

115.9636,  
-15.0267, -6.7713

66.1179, -10.8051,  
-7.5191

129.8110,  
-16.1149, -6.4657

55.1789, -9.7758,  
-7.5691

144.1695,  
-17.2177, -6.1181

44.9202, -8.7518,  
-7.5548

159.0214,  
-18.3354, -5.7308

35.3902, -7.7283,  
-7.4699

174.3511,  
-19.4682, -5.3058

26.6497, -6.6974,  
-7.3073

190.1439,

18.7776, -5.6455,

-20.6164, -4.8446

-7.0610

206.3867,  
-21.7800, -4.3489

■ 11.8833, -4.5471,  
-6.7328

■ 4.7501, -7.9467,  
-10.4442

■ 89.8814, -12.8900,  
-7.2489

■ 89.8814, -12.8900,  
-7.2489

■ 85.4249, -15.4837,  
-13.2960

■ 94.5518, -9.6476,  
-1.2316

■ 81.1923, -17.3511,  
-19.3599

■ 99.4161, -5.8208,  
4.7355

■ 77.2004, -18.4213,  
-25.4109

■ 100.0000, -5.3358,  
5.4332

■ 73.4629, -18.6275,  
-31.4141

■ 69.9910, -17.9169,  
-37.3286

■ 66.7909, -16.2637,  
-43.1115

■ 63.8592, -13.6867,  
-48.7283

■ 61.4648, -10.7708,  
-53.5745

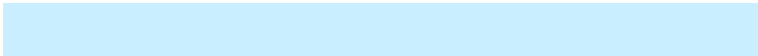
# Harmonies

## Analogous

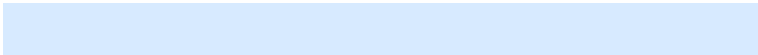
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8832, -17.5440, -1.2483



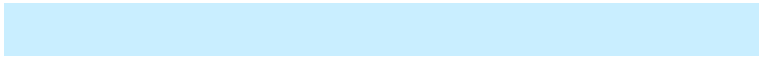
89.8814, -12.8900, -7.2489



89.8832, -5.9515, -9.9990

# Triad

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



89.8832, -12.8917, -7.2466



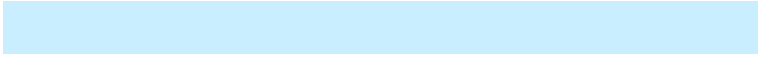
89.8832, 10.1409, 3.7882



89.8832, -10.9562, 16.4963

# Complementary

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



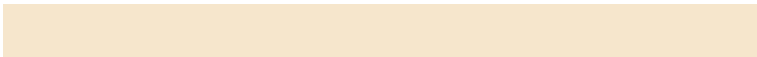
89.8814, -12.8900, -7.2489



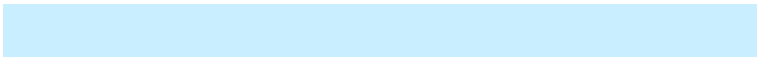
86.9592, 5.5784, 16.0043

# 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.



89.8832, -3.6442, 17.6047



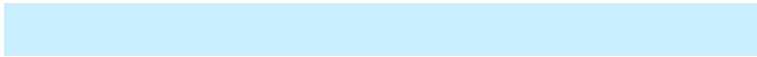
89.8814, -12.8900, -7.2489



89.8832, 8.6945, 10.6286

# Square

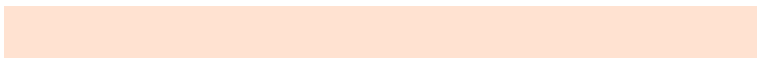
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



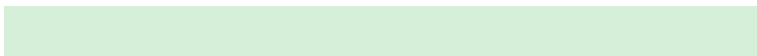
89.8832, -12.8917, -7.2466



89.8832, 7.4768, -3.3025



89.8832, 3.5869, 15.5441

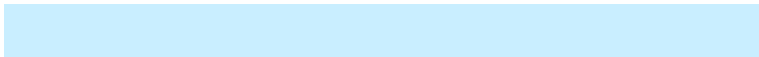


89.8832, -16.4527, 12.3820



# Rectangle

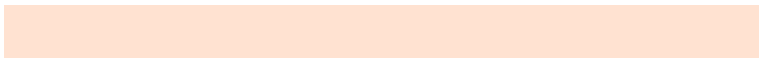
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.8814, -12.8900, -7.2489



89.8832, -0.9001, -9.4701



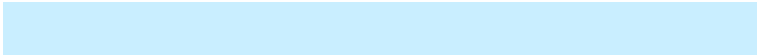
89.8832, 3.5869, 15.5441



89.8832, -8.6360, 17.2175

# Sweetspot

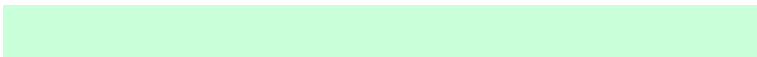
The Sweet Spot groups the original color and five complimentary colors.



89.8832, -12.8917, -7.2466



97.0457, -7.7357, 1.8632



94.3177, -28.0380, 16.2744



44.7509, -3.6944, 0.6816

0.0000, NaN, NaN

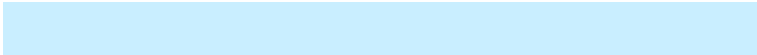


46.2646, -2.4686, 2.5136

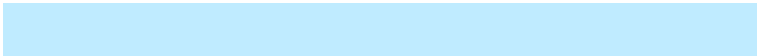


# Same Dimension

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



89.8832, -12.8917, -7.2466



88.1524, -13.9640, -9.5572



81.6248, 0.6835, -18.4116



44.1139, -4.1856, -0.1069



44.7439, -8.2673, -38.0794



14.6469, -3.6067, -10.5216



# Inverse Universe

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



83.1914, 20.8336, -6.0249



80.3898, 25.6536, -7.9469



95.0260, -8.1425, 23.9333



42.6583, 2.9062, 0.0692



35.7058, 65.7407, -12.5361

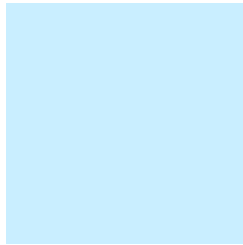


11.2299, 20.8299, -5.1330



# Previews

## White Background



This preview shows how the HunterLab color 89.8814, -12.8900, -7.2489 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

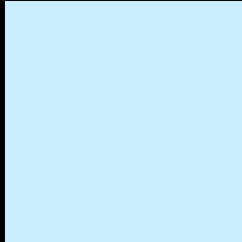
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.8814, -12.8900, -7.2489 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

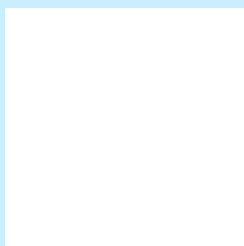
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.8814, -12.8900, -7.2489 Background



This preview shows how black text looks on a background with the HunterLab color 89.8814, -12.8900, -7.2489.



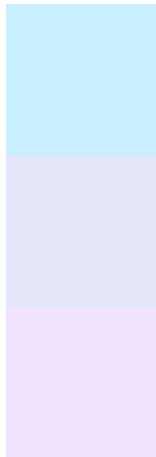
This preview shows how white text looks on a background with the HunterLab color 89.8814,

-12.8900,-7.2489.

# 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

89.8814, -12.8900, -7.2489

### Protanopia

89.6207, -1.1126, -4.6292

### Deuteranopia

89.6178, 5.5437, -7.2722



## Tritanopia

89.7918, -11.5475, -7.3428

# Trichromacy



## Original Color

89.8814, -12.8900, -7.2489

## Protanomaly

89.6472, -5.7093, -5.7690

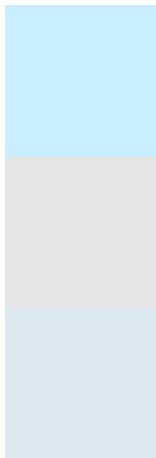
## Deuteranomaly

89.4329, -1.4036, -7.6372

## Tritanomaly

89.7134, -11.8265, -7.4507

# Monochromacy



## Original Color

89.8814, -12.8900, -7.2489

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

88.8518, -7.8264, 0.6365

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.8814, -12.8900, -7.2489 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(201, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 255)  
}
```

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(201, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.8814, -12.8900, -7.2489 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(201, 238, 255) }
```



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

```
.border{ border-color:rgb(201, 238, 255) }
```

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

Here you see how a box with a 4 pixel rgb(201, 238, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.8814, -12.8900, -7.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 255) }
```

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

```
.background{ background-color: rgb(201,  
238, 255) }
```

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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