

# Converting Colors

HunterLab(87.3451, -12.4085,  
-7.2071)

Have a look what the booklet for  
HunterLab(87.3451, -12.4085,  
-7.2071) contains.

|  |    |
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# Color

**HunterLab(87.3433,  
-12.4096, -7.2339)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C4E8F9                      |
| RGB         | 196, 232, 249               |
| RGB Percent | 77%, 91%, 98%               |
| CMY         | 0.2314, 0.0902, 0.0235      |
| CMYK        | 0.21, 0.07, 0.00, 0.02      |
| HSL         | 199°, 82%, 87%              |
| HSV         | 199°, 21%, 98%              |
| XYZ         | 68.7204, 76.2885, 100.7257  |
| YIQ         | 223.1740, -26.9130, -2.3450 |

# Conversions

## Conversions Part 2

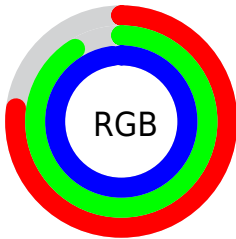
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 196, 217, 249                  |
| Decimal                             | 12904697                       |
| CIE Lab                             | 89.99, -8.10, -12.13           |
| CIE LCh                             | 90, 14.585, 236.250            |
| Yxy                                 | 76.2916, 0.2797,<br>0.3105     |
| Android<br>(android.graphics.Color) | 4291094777<br>(0xFFC4E8F9)     |
| YUV                                 | 223.1740, 12.7322,<br>-23.8316 |
| Hunter-Lab                          | 87.3433, -12.4096,<br>-7.2339  |

# Details

The HunterLab color  $87.3433, -12.4096, -7.2339$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $84.6841, 5.3074, 15.7097$ , and the grayscale version is  $85.9338, -4.5852, 4.6689$ .

A 20% lighter version of the original color is  $99.8111, -5.9933, 5.1992$ , and  $63.6896, -10.1815, -7.8999$  is the 20% darker color. If you saturate the color by 10%, you get  $82.9643, -14.8546, -13.1871$ , and if you desaturate by 10%, it is  $91.9298, -9.3364, -1.3194$ .

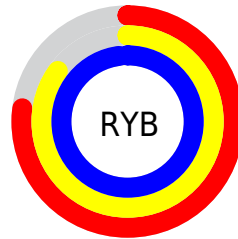
# Distribution



Red (77%)

Green (91%)

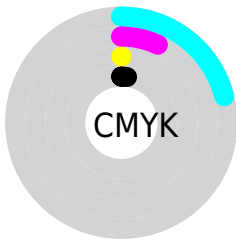
Blue (98%)



Red (77%)

Yellow (85%)

Blue (98%)

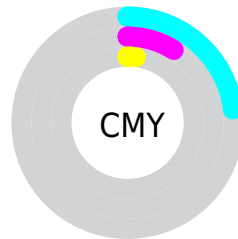


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (9%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3433, -12.4096, -7.2339 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 87.3433, -12.4096, -7.2339 by changing the saturation by 10% instead.



87.3433, -12.4096,  
-7.2339

87.3433, -12.4096,  
-7.2339

219.6236,  
-22.3496, -3.8642

75.2806, -11.3784,  
-7.3870

113.1985,  
-14.5149, -6.7730

63.8292, -10.3571,  
-7.4863

126.9391,  
-15.5882, -6.4745

53.0258, -9.3447,  
-7.5256

141.1946,  
-16.6764, -6.1337

42.9117, -8.3380,  
-7.4994

155.9471,  
-17.7798, -5.7528

33.5376, -7.3319,  
-7.4012

171.1803,  
-18.8988, -5.3337

24.9674, -6.3181,  
-7.2241

186.8796,

17.2850, -5.2822,

-20.0333, -4.8782

-6.9622

203.0315,  
-21.1836, -4.3879

■ 10.6081, -4.1957,  
-6.6215

0.0000, NaN, -NF

■ 87.3433, -12.4096,  
-7.2339

■ 87.3433, -12.4096,  
-7.2339

■ 82.9643, -14.8546,  
-13.1871

■ 91.9298, -9.3364,  
-1.3194

■ 78.8024, -16.5965,  
-19.1648

■ 96.7041, -5.6982,  
4.5398

■ 74.8743, -17.5655,  
-25.1398

■ 99.8096, -6.3796,  
8.1513

■ 71.1940, -17.6956,  
-31.0786

■ 67.7727, -16.9343,  
-36.9414

■ 64.6170, -15.2548,  
-42.6856

■ 61.7244, -12.6736,  
-48.2765

■ 59.3885, -9.8108,  
-53.0519

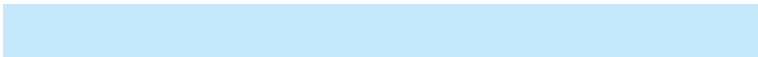
# Harmonies

## Analogous

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



87.3451, -17.0329, -1.4301



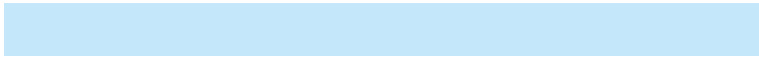
87.3433, -12.4096, -7.2339



87.3451, -5.5914, -9.8187

# Triad

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



87.3451, -12.4109, -7.2324



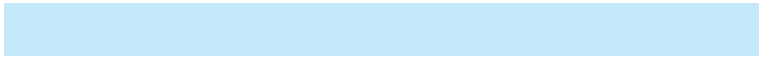
87.3451, 9.9526, 3.8669



87.3451, -10.8541, 16.0168

# Complementary

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



87.3433, -12.4096, -7.2339



84.6841, 5.3074, 15.7097

# 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.



87.3451, -3.7351, 17.1818



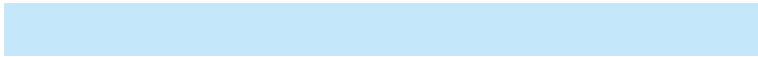
87.3433, -12.4096, -7.2339



87.3451, 8.4314, 10.5174

# Square

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



87.3451, -12.4109, -7.2324



87.3451, 7.4513, -3.0836



87.3451, 3.3602, 15.2515



87.3451, -16.1552, 11.9273



# Rectangle

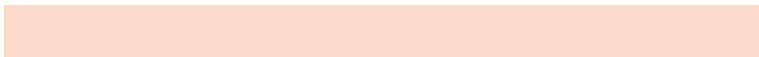
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3433, -12.4096, -7.2339



87.3451, -0.6581, -9.2254



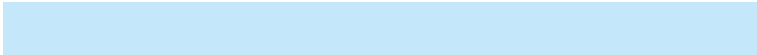
87.3451, 3.3602, 15.2515



87.3451, -8.6013, 16.7480

# Sweetspot

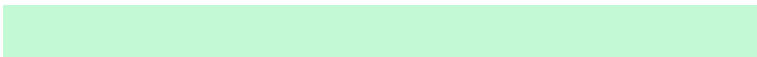
The Sweet Spot groups the original color and five complimentary colors.



87.3451, -12.4109, -7.2324



97.0165, -7.6879, 1.8286



91.8050, -27.2289, 15.5300



44.7359, -3.6699, 0.6638

0.0000, NaN, NaN

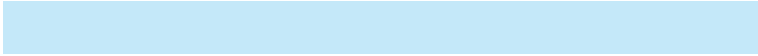


46.2646, -2.4686, 2.5136

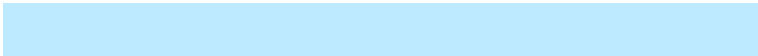


# Same Dimension

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



87.3451, -12.4109, -7.2324



87.5767, -14.0287, -10.3313



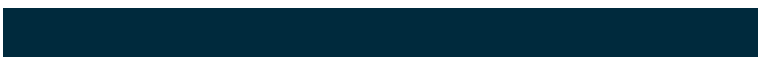
79.1096, 1.1561, -18.4028



43.1450, -4.0581, -0.1246



43.7577, -7.6528, -38.1730



14.0174, -3.3841, -10.2152



# Inverse Universe

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



80.8997, 20.3210, -5.7480



79.6566, 26.8438, -8.2383



92.7501, -8.3858, 23.6200



41.7424, 2.8210, 0.1035



35.1338, 64.6173, -11.7897

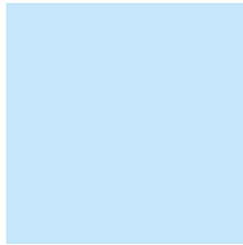


10.7823, 19.9872, -4.8320



# Previews

## White Background



This preview shows how the HunterLab color 87.3433, -12.4096, -7.2339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

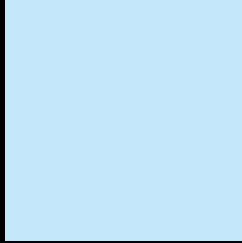
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3433, -12.4096, -7.2339 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

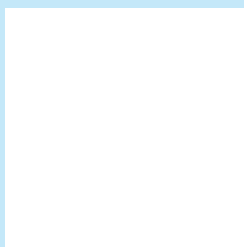
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.3433, -12.4096, -7.2339 Background



This preview shows how black text looks on a background with the HunterLab color 87.3433, -12.4096, -7.2339.



This preview shows how white text looks on a background with the HunterLab color 87.3433,

-12.4096, -7.2339.

# 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

87.3433, -12.4096, -7.2339

### Protanopia

87.0922, -0.6705, -4.6119

### Deuteranopia

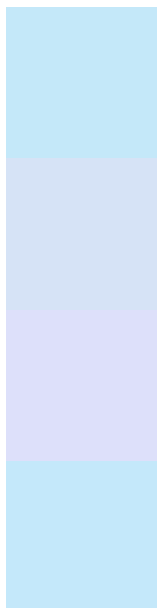
87.1690, 6.3551, -8.2529



## Tritanopia

87.3791, -12.2103, -7.7398

# Trichromacy



## Original Color

87.3433, -12.4096, -7.2339

## Protanomaly

87.1138, -5.2557, -5.7539

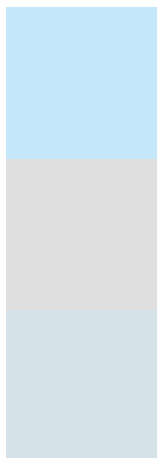
## Deuteranomaly

86.9400, -0.7674, -8.1200

## Tritanomaly

87.3791, -12.2103, -7.7398

# Monochromacy



## Original Color

87.3433, -12.4096, -7.2339

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

86.2352, -7.6680, 0.5141

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3433, -12.4096, -7.2339 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(196, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(196, 232, 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(196, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 232, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3433, -12.4096, -7.2339 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(196, 232, 249) }
```



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

```
.border{ border-color:rgb(196, 232, 249) }
```

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

Here you see how a box with a 4 pixel rgb(196, 232, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 232, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 232, 249);  
box-shadow:4px 4px 4px 4px rgb(196, 232,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3433, -12.4096, -7.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 232, 249) }
```

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

```
.background{ background-color: rgb(196,  
232, 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](#).

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