

# Converting Colors

HunterLab(70.4948, 12.9430,  
-11.1957)

Have a look what the booklet for  
HunterLab(70.4948, 12.9430,  
-11.1957) contains.

|  |    |
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# Color

**HunterLab(70.4752, 13.0573,  
-10.9999)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | CFB1D8                    |
| RGB           | 207, 177, 216             |
| RGB Percent   | 81%, 69%, 85%             |
| CMY           | 0.1882, 0.3059, 0.1529    |
| CMYK          | 0.04, 0.18, 0.00, 0.15    |
| HSL           | 286°, 33%, 77%            |
| HSV           | 286°, 18%, 85%            |
| XYZ           | 53.8489, 49.6675, 71.7144 |
| YIQ           | 190.4160, 5.3610, 18.4890 |

# Conversions

## Conversions Part 2

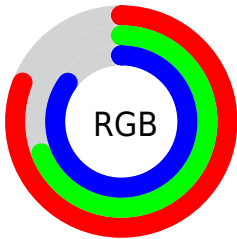
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 207, 177, 216                 |
| Decimal                             | 13611480                      |
| CIE Lab                             | 75.87, 17.76, -15.62          |
| CIE LCh                             | 76, 23.653, 318.661           |
| Yxy                                 | 49.6697, 0.3073,<br>0.2834    |
| Android<br>(android.graphics.Color) | 4291801560<br>(0xFFCFB1D8)    |
| YUV                                 | 190.4160, 12.6129,<br>14.5442 |
| Hunter-Lab                          | 70.4752, 13.0573,<br>-10.9999 |

# Details

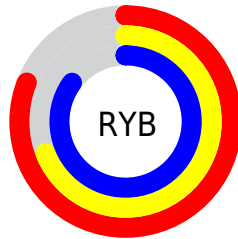
The HunterLab color  $70.4752, 13.0573, -10.9999$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $79.2000, -19.7282, 17.3171$ , and the grayscale version is  $71.8816, -3.8354, 3.9055$ .

A 20% lighter version of the original color is  $93.1439, 6.4625, -2.7138$ , and  $48.6456, 12.4380, -10.9034$  is the 20% darker color. If you saturate the color by 10%, you get  $64.1049, 22.9906, -20.1833$ , and if you desaturate by 10%, it is  $77.2128, 3.2959, -2.2505$ .

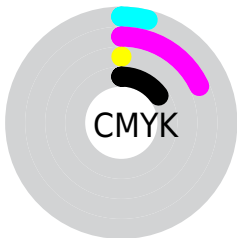
# Distribution



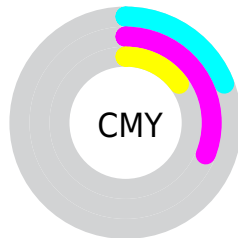
- Red (81%)
- Green (69%)
- Blue (85%)



- Red (81%)
- Yellow (69%)
- Blue (85%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (31%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.4752, 13.0573, -10.9999 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 70.4752, 13.0573, -10.9999 by changing the saturation by 10% instead.



70.4752, 13.0573,  
-10.9999

70.4752, 13.0573,  
-10.9999

196.3091, 12.6669,  
-9.2166

59.2883, 12.7972,  
-10.9406

94.7023, 13.3562,  
-10.9375

48.7639, 12.4557,  
-10.8179

107.6805, 13.4112,  
-10.8265

38.9486, 12.0204,  
-10.6254

121.2028, 13.4092,  
-10.6664

29.8977, 11.4767,  
-10.3588

135.2480, 13.3542,  
-10.4598

21.6823, 10.8061,  
-10.0174

149.7973, 13.2497,  
-10.2095

14.3981, 9.9837,  
-9.6139

164.8340, 13.0987,

8.0586, 9.5657,

-9.9176

-9.5413

180.3425, 12.9037,  
-9.5860

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.4752, 13.0573,  
-10.9999

■ 70.4752, 13.0573,  
-10.9999

■ 64.1049, 22.9906,  
-20.1833

■ 77.2128, 3.2959,  
-2.2505

■ 58.1625, 33.0278,  
-29.8083

■ 84.2611, -6.2674,  
6.0981

■ 52.7295, 43.0017,  
-39.8050

■ 91.5799, -15.6410,  
14.0972

■ 47.9012, 52.6005,  
-49.9754

■ 96.3324, -20.6881,  
19.0122

■ 43.7826, 61.3157,

■ 96.7581, -19.1420,

-59.9250

19.4776

■ 40.4739, 68.4467,  
-69.0309

■ 97.1942, -17.5659,  
19.9525

■ 38.0406, 73.2458,  
-76.5338

■ 97.6405, -15.9604,  
20.4368

■ 36.4391, 75.3651,  
-81.9340

■ 98.0971, -14.3260,  
20.9303

■ 36.1683, 75.6468,  
-82.8874

■ 98.5638, -12.6634,  
21.4329

# Harmonies

## Analogous

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



70.4767, 3.2235, -18.3360



70.4752, 13.0573, -10.9999



70.4767, 18.4987, -0.2902

# Triad

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



70.4767, 13.0556, -10.9985



70.4767, 0.4983, 21.0378



70.4767, -22.9374, -3.0021

# Complementary

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



70.4752, 13.0573, -10.9999



79.2000, -19.7282, 17.3171

# 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.



70.4767, -23.5664, 7.7273



70.4752, 13.0573, -10.9999



70.4767, -10.4899, 20.5441

# Square

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



70.4767, 13.0556, -10.9985



70.4767, 10.9542, 17.4881



70.4767, -19.1410, 16.0150



70.4767, -17.3659, -13.2473



# Rectangle

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



70.4752, 13.0573, -10.9999



70.4767, 18.6937, 6.8371



70.4767, -19.1410, 16.0150



70.4767, -23.7205, 0.6974

# Sweetspot

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



70.4767, 13.0556, -10.9985



95.6971, 0.4824, 0.3615



70.3329, -0.9875, -11.4447



43.9974, 0.6037, -0.1668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.4767, 13.0556, -10.9985



81.7970, 20.7117, -17.8102



71.0508, 14.1751, -4.4865



35.3292, 2.1372, -1.5830



27.9170, 58.3201, -63.4434



7.1138, 14.6707, -14.6899



# Inverse Universe

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



70.4206, 10.8677, 4.4692



81.7353, 17.4887, 5.5619



78.7814, -20.7240, 12.6292



35.3091, 1.6008, 2.0219



29.6487, 51.2779, 15.2538

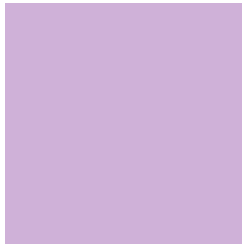


7.3696, 12.9182, 2.4560



# Previews

## White Background



This preview shows how the HunterLab color 70.4752, 13.0573, -10.9999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

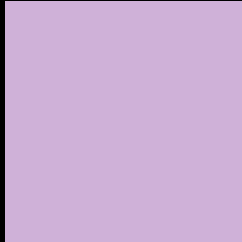
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.4752, 13.0573, -10.9999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

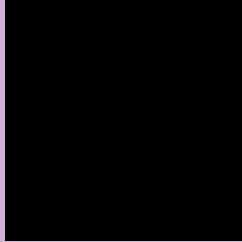
Any Text WCAG AA ✓ Pass

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 70.4752, 13.0573, -10.9999 Background



This preview shows how black text looks on a background with the HunterLab color 70.4752, 13.0573, -10.9999.



This preview shows how white text looks on a background with the HunterLab color 70.4752, 13.0573, -10.9999.

-10.9999.

# 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

70.4752, 13.0573, -10.9999

### Protanopia

70.7778, 1.1433, -14.2576

### Deuteranopia

70.4050, 5.4134, -10.6623



## Tritanopia

70.5870, 6.1393, 0.2361

# Trichromacy



## Original Color

70.4752, 13.0573, -10.9999

## Protanomaly

70.6975, 5.2657, -13.1290

## Deuteranomaly

70.2987, 8.0309, -10.7639

## Tritanomaly

70.6636, 8.3946, -3.7165

# Monochromacy



## Original Color

70.4752, 13.0573, -10.9999

## Achromatopsia

71.7578, -3.8288, 3.8987

## Achromatomaly

71.1036, 2.1510, -1.2041

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.4752, 13.0573, -10.9999 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(207, 177, 216)` looks like.

```
.text, #text, p{  
    color:rgb(207, 177, 216)  
}
```

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(207, 177, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 177, 216) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.4752, 13.0573, -10.9999 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".

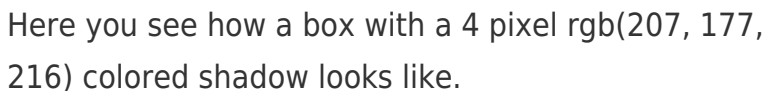
```
.border, #border, table{ border:4px solid rgb(207, 177, 216) }
```



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

```
.border{ border-color:rgb(207, 177, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 177, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 177, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 177, 216); box-shadow:4px 4px 4px 4px rgb(207, 177, 216) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.4752, 13.0573, -10.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 177, 216) }
```

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

```
.background{ background-color: rgb(207,  
177, 216) }
```

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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