

# Converting Colors

HunterLab(82.9815, 13.6760,  
10.0500)

Have a look what the booklet for  
HunterLab(82.9815, 13.6760,  
10.0500) contains.

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# Color

**HunterLab(82.9780, 13.6575,  
10.1004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCCD
RGB	255, 204, 205
RGB Percent	100%, 80%, 80%
CMY	0.0000, 0.2000, 0.1961
CMYK	0.00, 0.20, 0.20, 0.00
HSL	359°, 100%, 90%
HSV	359°, 20%, 100%
XYZ	73.8523, 68.8535, 67.1552
YIQ	219.3630, 30.0750, 11.1230

# Conversions

## Conversions Part 2

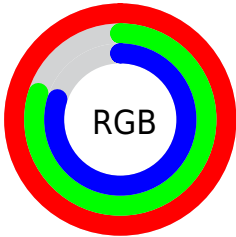
Format	Color
R <sub>Y</sub> B	255, 204, 205
Decimal	16764109
CIE Lab	86.43, 18.15, 6.36
CIE LCh	86, 19.234, 19.322
Yxy	68.8565, 0.3519, 0.3281
Android (android.graphics.Color)	4294954189 (0xFFFFCCCD)
YUV	219.3630, -7.0810, 31.2536
Hunter-Lab	82.9780, 13.6575, 10.1004

# Details

The HunterLab color **82.9780, 13.6575, 10.1004** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95.6631, -20.8353, 0.4658**, and the grayscale version is **84.3444, -4.5004, 4.5826**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **60.0440, 13.1846, 8.3192** is the 20% darker color. If you saturate the color by 10%, you get **75.2315, 23.7537, 12.7433**, and if you desaturate by 10%, it is **91.2647, 3.9580, 7.6698**.

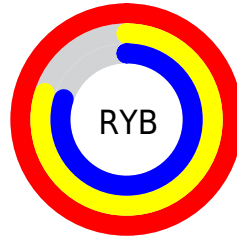
# Distribution



Red (100%)

Green (80%)

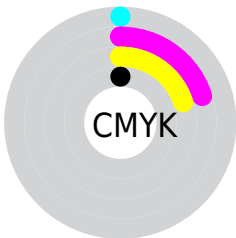
Blue (80%)



Red (100%)

Yellow (80%)

Blue (80%)

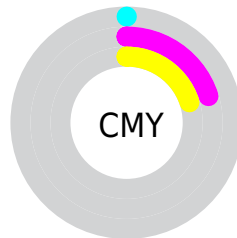


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9780, 13.6575, 10.1004 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 82.9780, 13.6575, 10.1004 by changing the saturation by 10% instead.




 82.9780, 13.6575,  
10.1004

 82.9780, 13.6575,  
10.1004


213.6644, 12.9106,  
19.4165

 71.1301, 13.4573,  
9.1562


108.4327, 13.8513,  
12.0446

 59.9052, 13.1855,  
8.2267


121.9852, 13.8615,  
13.0429

 49.3421, 12.8305,  
7.3116


136.0594, 13.8184,  
14.0594

 39.4851, 12.3812,  
6.4084

150.6369, 13.7256,  
15.0943

 30.3892, 11.8236,  
5.5126

165.7006, 13.5860,  
16.1476

 22.1242, 11.1392,  
4.6167


181.2355, 13.4021,

 14.7840, 10.3038,


17.2191


3.7066


197.2277, 13.1763,  
18.3087

 8.4390, 9.5936,  
3.5853


0.0000, INF, NaN

 82.9780, 13.6575,  
10.1004


 82.9780, 13.6575,  
10.1004


 75.2315, 23.7537,  
12.7433

 91.2647, 3.9580,  
7.6698

 68.1256, 34.1864,  
15.5899

100.0000, -5.3358,  
5.4332

 61.7911, 44.7501,  
18.5964

 56.3770, 55.0310,  
21.6497

■ 52.0365, 64.3523,  
24.5461

■ 48.8916, 71.8437,  
27.0033

■ 46.9795, 76.7303,  
28.7429

■ 46.1206, 79.0058,  
29.6184

■ 46.1204, 79.0062,  
29.6186

# Harmonies

## Analogous

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



82.9798, 14.4336, 1.2077



82.9780, 13.6575, 10.1004



82.9798, 7.9046, 16.7243

# Triad

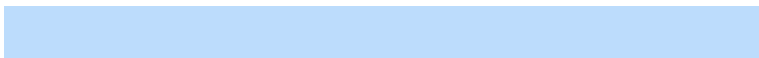
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9798, 13.6544, 10.1017



82.9798, -17.9297, 15.1346



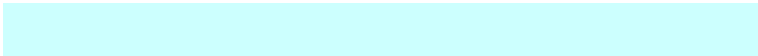
82.9798, -7.8139, -14.5891

# Complementary

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



82.9780, 13.6575, 10.1004



95.6631, -20.8353, 0.4658

# 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.



82.9798, -16.0876, -9.8833



82.9780, 13.6575, 10.1004



82.9798, -21.7496, 7.6950

# Square

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



82.9798, 13.6544, 10.1017



82.9798, -10.4324, 19.3943



82.9798, -21.0909, -1.4855



82.9798, 1.7438, -13.7557



# Rectangle

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



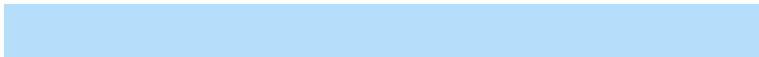
82.9780, 13.6575, 10.1004



82.9798, 2.1656, 19.2800



82.9798, -21.0909, -1.4855



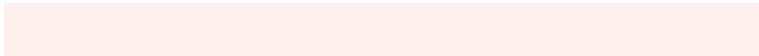
82.9798, -10.8298, -13.5834

# Sweetspot

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



82.9798, 13.6544, 10.1017



94.7074, 0.1954, 6.7533



84.4676, 21.7938, -13.9776



43.5536, 0.3728, 3.1927

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

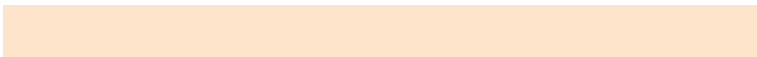
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9798, 13.6544, 10.1017



79.8088, 17.6499, 11.1335



89.9992, 0.8306, 17.8349



42.4179, 1.6149, 3.4953



33.3421, 57.1240, 21.3547



10.4132, 17.8591, 6.5258



# Inverse Universe

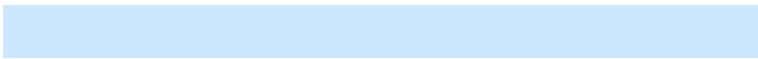
The Inverse Universe completely reimagines the original color for something new.



82.9798, 13.6544, 10.1017



79.8088, 17.6499, 11.1335



87.9339, -8.5689, -9.7554



42.4179, 1.6149, 3.4953



33.3421, 57.1240, 21.3547



10.4132, 17.8591, 6.5258



# Previews

## White Background



This preview shows how the HunterLab color 82.9780, 13.6575, 10.1004 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

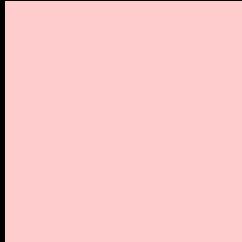
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.9780, 13.6575, 10.1004 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

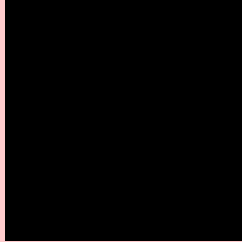
Any Text WCAG AA ✓ Pass

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 82.9780, 13.6575, 10.1004 Background



This preview shows how black text looks on a background with the HunterLab color 82.9780, 13.6575, 10.1004.



This preview shows how white text looks on a background with the HunterLab color 82.9780, 13.6575,



# 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

82.9780, 13.6575, 10.1004

### Protanopia

83.2733, -3.3157, 7.3759

### Deuteranopia

82.9686, 6.0873, 10.4082



## Tritanopia

83.0866, 16.2644, 4.1499

# Trichromacy



## Original Color

82.9780, 13.6575, 10.1004

## Protanomaly

83.1762, 2.4840, 8.2976

## Deuteranomaly

82.9213, 8.9517, 10.4059

## Tritanomaly

82.9313, 15.4514, 6.3670

# Monochromacy



## Original Color

82.9780, 13.6575, 10.1004

## Achromatopsia

84.1651, -4.4908, 4.5728

## Achromatomaly

83.7281, 1.5637, 6.5705

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.9780, 13.6575, 10.1004 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(255, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 205)  
}
```

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(255, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 205) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.9780, 13.6575, 10.1004 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(255, 204, 205) }
```



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

```
.border{ border-color:rgb(255, 204, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 204, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
205) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.9780, 13.6575, 10.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 205) }
```

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

```
.background{ background-color: rgb(255,  
204, 205) }
```

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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