

# Converting Colors

HunterLab(84.0538, 33.1344,  
9.6301)

Have a look what the booklet for  
HunterLab(84.0538, 33.1344,  
9.6301) contains.

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# Color

**HunterLab(80.0021, 20.2373,  
4.9465)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1D1
RGB	255, 193, 209
RGB Percent	100%, 76%, 82%
CMY	0.0000, 0.2431, 0.1804
CMYK	0.00, 0.24, 0.18, 0.00
HSL	345°, 100%, 88%
HSV	345°, 24%, 100%
XYZ	71.8186, 64.0034, 68.8903
YIQ	213.3620, 31.8160, 18.1200

# Conversions

## Conversions Part 2

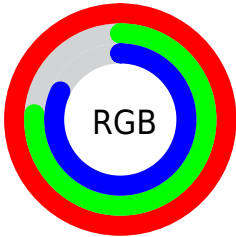
Format	Color
R <sub>Y</sub> B	255, 193, 209
Decimal	16761297
CIE Lab	83.97, 24.51, 0.66
CIE LCh	84, 24.522, 1.548
Yxy	64.0062, 0.3508, 0.3127
Android (android.graphics.Color)	4294951377 (0xFFFFC1D1)
YUV	213.3620, -2.1505, 36.5165
Hunter-Lab	80.0021, 20.2373, 4.9465

# Details

The HunterLab color **80.0021, 20.2373, 4.9465** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.3878, -26.4931, 6.3993**, and the grayscale version is **81.7281, -4.3608, 4.4404**.

A 20% lighter version of the original color is **98.4130, -2.6782, 3.5973**, and **57.1858, 19.0845, 3.4203** is the 20% darker color. If you saturate the color by 10%, you get **72.6667, 31.1612, 5.5371**, and if you desaturate by 10%, it is **87.8993, 9.5196, 4.8589**.

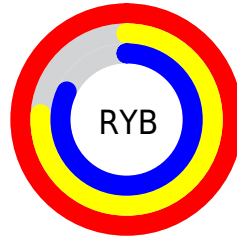
# Distribution



Red (100%)

Green (76%)

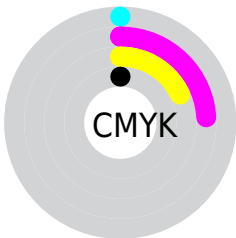
Blue (82%)



Red (100%)

Yellow (76%)

Blue (82%)

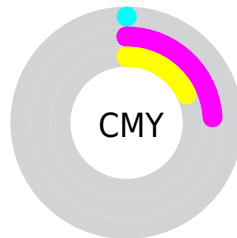


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0021, 20.2373, 4.9465 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 80.0021, 20.2373, 4.9465 by changing the saturation by 10% instead.





 80.0021, 20.2373,  
4.9465

 80.0021, 20.2373,  
4.9465


209.5738, 21.7043,  
12.2267

 68.3050, 19.7455,  
4.2804


 105.1760, 20.9805,  
6.3751

 57.2394, 19.1692,  
3.6456


118.5967, 21.2508,  
7.1323

 46.8459, 18.4953,  
3.0453


132.5442, 21.4593,  
7.9172

 37.1709, 17.7112,  
2.4815

146.9993, 21.6102,  
8.7289

 28.2725, 16.8018,  
1.9566

161.9447, 21.7072,  
9.5664

 20.2254, 15.7498,  
1.4738

177.3648, 21.7534,

 13.1317, 14.5408,

10.4290

1.0366

193.2455, 21.7516,  
11.3159

6.6287, 16.0910,  
0.7749

0.0000, NaN, NaN

80.0021, 20.2373,  
4.9465

80.0021, 20.2373,  
4.9465

72.6667, 31.1612,  
5.5371

87.8993, 9.5196,  
4.8589

65.9956, 42.1387,  
6.7186

96.2657, -0.9214,  
5.1841

60.1188, 52.8417,  
8.5722

100.0000, -5.3358,  
5.4332

55.1774, 62.7230,  
11.1297

■ 51.3059, 71.0183,  
14.3232

■ 48.5931, 76.9069,  
17.9403

■ 47.0292, 79.8733,  
21.6289

■ 46.5305, 80.5251,  
23.5546

# Harmonies

## Analogous

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



80.0039, 17.1373, -6.8754



80.0021, 20.2373, 4.9465



80.0039, 16.4483, 15.0511

# Triad

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



80.0039, 20.2342, 4.9479



80.0039, -16.0399, 20.9551



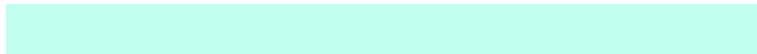
80.0039, -15.0167, -17.5518

# Complementary

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



80.0021, 20.2373, 4.9465



94.3878, -26.4931, 6.3993

# 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.



80.0039, -23.0790, -8.0584



80.0021, 20.2373, 4.9465



80.0039, -23.6447, 14.1614

# Square

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



80.0039, 20.2342, 4.9479



80.0039, -4.8980, 23.4053



80.0039, -26.1448, 3.7572



80.0039, -3.6463, -20.9634



# Rectangle

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



80.0021, 20.2373, 4.9465



80.0039, 10.6534, 19.7659



80.0039, -26.1448, 3.7572



80.0039, -18.1796, -14.9030

# Sweetspot

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



80.0039, 20.2342, 4.9479



93.9741, 1.8579, 5.0604



79.7627, 22.7485, -20.7770



43.2406, 1.1495, 2.3300

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.0039, 20.2342, 4.9479



76.4881, 25.3379, 5.1562



83.6450, 10.0309, 15.9529



42.5018, 2.0659, 2.2986



33.6652, 58.3201, 16.5804



10.5849, 18.4931, 4.0008



# Inverse Universe

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



80.0039, 20.2342, 4.9479



76.4881, 25.3379, 5.1562



90.1076, -16.3233, -7.0130



42.5018, 2.0659, 2.2986



33.6652, 58.3201, 16.5804



10.5849, 18.4931, 4.0008



# Previews

## White Background



This preview shows how the HunterLab color 80.0021, 20.2373, 4.9465 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

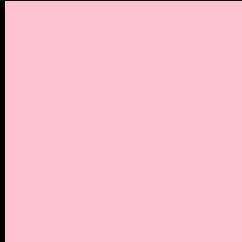
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.0021, 20.2373, 4.9465 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 80.0021, 20.2373, 4.9465 Background



This preview shows how black text looks on a background with the HunterLab color 80.0021, 20.2373, 4.9465.



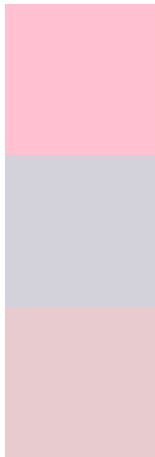
This preview shows how white text looks on a background with the HunterLab color 80.0021, 20.2373,

4.9465.

# 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

80.0021, 20.2373, 4.9465

### Protanopia

80.3192, -2.0613, 0.4930

### Deuteranopia

80.1285, 5.8511, 5.7977



## Tritanopia

79.9712, 20.0776, 5.3872

# Trichromacy



## Original Color

80.0021, 20.2373, 4.9465

## Protanomaly

79.9682, 5.8149, 1.7119

## Deuteranomaly

79.9538, 11.3213, 5.2136

## Tritanomaly

79.9712, 20.0776, 5.3872

# Monochromacy



## Original Color

80.0021, 20.2373, 4.9465

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

80.8641, 4.0660, 4.2299

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.0021, 20.2373, 4.9465 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, 193, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 209)  
}
```

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, 193, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 209) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.0021, 20.2373, 4.9465 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, 193, 209) }
```



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

```
.border{ border-color:rgb(255, 193, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
209) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.0021, 20.2373, 4.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 209) }
```

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

```
.background{ background-color: rgb(255,  
193, 209) }
```

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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