

# Converting Colors

HunterLab(88.0683, 40.9773,  
20.9415)

Have a look what the booklet for  
HunterLab(88.0683, 40.9773,  
20.9415) contains.

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# Color

**HunterLab(80.0877, 16.7114,  
12.2919)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFC3C1
RGB	255, 195, 193
RGB Percent	100%, 76%, 76%
CMY	0.0000, 0.2353, 0.2431
CMYK	0.00, 0.24, 0.24, 0.00
HSL	2°, 100%, 88%
HSV	2°, 24%, 100%
XYZ	70.3807, 64.1404, 59.1229
YIQ	212.7120, 36.4020, 12.0980

# Conversions

## Conversions Part 2

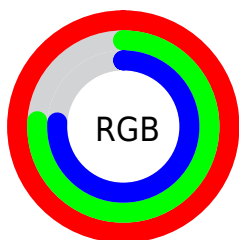
Format	Color
<a href="#">RYB</a>	<a href="#">255, 195, 193</a>
Decimal	<a href="#">16761793</a>
CIELab	<a href="#">84.04, 21.15, 9.32</a>
CIELCh	<a href="#">84, 23.107, 23.778</a>
Yxy	<a href="#">64.1433, 0.3635, 0.3312</a>
Android (android.graphics.Color)	<a href="#">4294951873</a> (0xFFFFC3C1)
YUV	<a href="#">212.7120, -9.7180, 37.0866</a>
Hunter-Lab	<a href="#">80.0877, 16.7114, 12.2919</a>

# Details

The HunterLab color **80.0877, 16.7114, 12.2919** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.2365, -22.5358, -1.8500**, and the grayscale version is **81.4781, -4.3475, 4.4269**.

A 20% lighter version of the original color is **98.8536, -4.7941, 7.0758**, and **57.2831, 15.9368, 9.8964** is the 20% darker color. If you saturate the color by 10%, you get **72.7614, 26.4805, 15.3100**, and if you desaturate by 10%, it is **87.9589, 7.3456, 9.3857**.

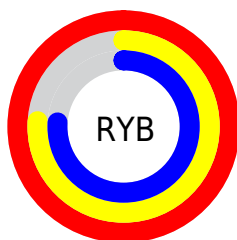
# Distribution



Red (100%)

Green (76%)

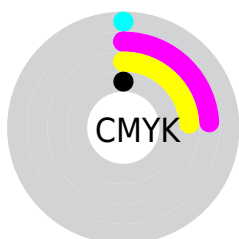
Blue (76%)



Red (100%)

Yellow (76%)

Blue (76%)

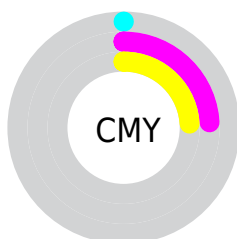


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0877, 16.7114, 12.2919 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 80.0877, 16.7114, 12.2919 by changing the saturation by 10% instead.





 80.0877, 16.7114,  
12.2919

 80.0877, 16.7114,  
12.2919


209.6919, 17.0687,  
22.6362

 68.3862, 16.3637,  
11.2033


 105.2698, 17.1814,  
14.5006

 57.3161, 15.9372,  
10.1193


118.6944, 17.3217,  
15.6215

 46.9175, 15.4190,  
9.0371


132.6456, 17.4042,  
16.7552

 37.2373, 14.7969,  
7.9508

147.1042, 17.4328,  
17.9025

 28.3330, 14.0557,  
6.8508

162.0530, 17.4108,  
19.0640

 20.2796, 13.1760,  
5.7211


177.4765, 17.3411,

 13.1786, 12.1363,


20.2399


4.5321


193.3605, 17.2263,  
21.4306


 6.6880, 13.5260,  
4.6816


0.0000, NaN, NaN


 80.0877, 16.7114,  
12.2919


 80.0877, 16.7114,  
12.2919

 72.7614, 26.4805,  
15.3100


 87.9589, 7.3456,  
9.3857

 66.0793, 36.5753,  
18.3957

 96.2851, -1.5995,  
6.5988

 60.1685, 46.7662,  
21.4615

100.0000, -5.3358,  
5.4332

 55.1695, 56.6181,  
24.3493

■ 51.2195, 65.4558,  
26.8296

■ 48.4175, 72.4610,  
28.6448

■ 46.7735, 76.9601,  
29.6194

■ 46.3023, 78.3005,  
29.9020

# Harmonies

## Analogous

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



80.0895, 18.6149, 2.0745



80.0877, 16.7114, 12.2919



80.0895, 9.0433, 19.3765

# Triad

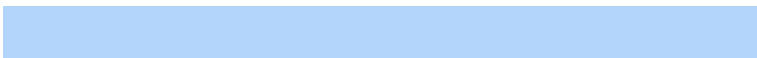
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.0895, 16.7083, 12.2932



80.0895, -21.1490, 15.6921



80.0895, -6.6315, -19.1708

# Complementary

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



80.0877, 16.7114, 12.2919



94.2365, -22.5358, -1.8500

# 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.



80.0895, -16.7812, -14.2810



80.0877, 16.7114, 12.2919



80.0895, -24.8566, 6.5791

# Square

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



80.0895, 16.7083, 12.2932



80.0895, -12.8960, 21.1392



80.0895, -23.3031, -4.4793



80.0895, 4.7213, -17.0826



# Rectangle

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



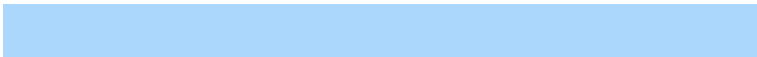
80.0877, 16.7114, 12.2919



80.0895, 1.9165, 21.8552



80.0895, -23.3031, -4.4793



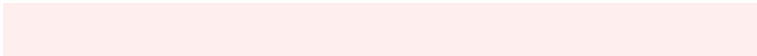
80.0895, -10.2891, -18.2692

# Sweetspot

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



80.0895, 16.7083, 12.2932



94.0072, 0.7641, 7.3358



81.5807, 28.3242, -17.3599



43.2571, 0.6010, 3.4710

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

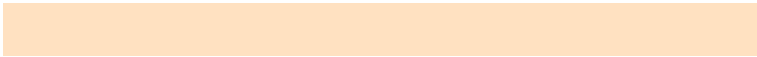
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0895, 16.7083, 12.2932



76.5817, 21.2402, 13.6951



88.8702, 0.7425, 21.1146



42.5219, 1.3849, 3.7153



33.5307, 56.3933, 21.6487

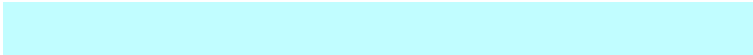


10.6131, 17.0916, 6.8390



# Inverse Universe

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



94.2365, -22.5358, -1.8500



93.3025, -25.3049, -3.0699



84.4485, -7.3887, -14.5152



45.1383, -5.8276, 1.1133



62.0467, -31.4985, -9.5567

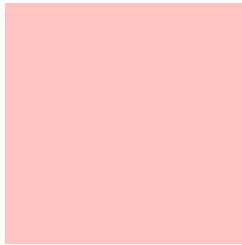


19.4391, -9.9231, -2.8761



# Previews

## White Background



This preview shows how the HunterLab color 80.0877, 16.7114, 12.2919 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

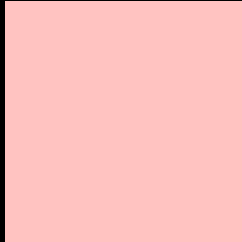
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.0877, 16.7114, 12.2919 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

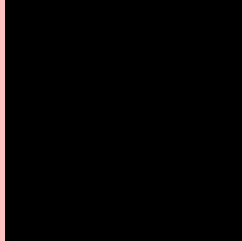
Any Text WCAG AA ✓ Pass

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 80.0877, 16.7114, 12.2919 Background



This preview shows how black text looks on a background with the HunterLab color 80.0877, 16.7114, 12.2919.



This preview shows how white text looks on a background with the HunterLab color 80.0877, 16.7114,



# 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

80.0877, 16.7114, 12.2919

### Protanopia

80.2601, -3.3179, 8.5772

### Deuteranopia





80.0321, 6.1660, 12.4789




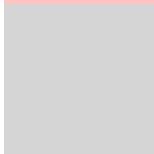
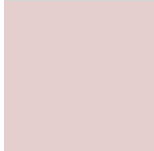
## Tritanopia

79.9712, 20.0776, 5.3872

# Trichromacy

	<b>Original Color</b> 80.0877, 16.7114, 12.2919
	<b>Protanomaly</b> 80.0537, 3.5446, 9.8219
	<b>Deuteranomaly</b> 79.9285, 10.3020, 12.4396
	<b>Tritanomaly</b> 80.0970, 18.7507, 7.8609

# Monochromacy

	<b>Original Color</b> 80.0877, 16.7114, 12.2919
	<b>Achromatopsia</b> 81.5713, -4.3524, 4.4319
	<b>Achromatomaly</b> 80.6801, 3.0760, 6.8572

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.0877, 16.7114, 12.2919 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, 195, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 193)  
}
```

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, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 193) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.0877, 16.7114, 12.2919 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, 195, 193) }
```



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

```
.border{ border-color:rgb(255, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
193) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.0877, 16.7114, 12.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 193) }
```

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

```
.background{ background-color: rgb(255,  
195, 193) }
```

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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