

# Converting Colors

HunterLab(84.8100, 40.2687,  
24.3028)

Have a look what the booklet for  
HunterLab(84.8100, 40.2687,  
24.3028) contains.

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# Color

**HunterLab(77.6924, 18.1096,  
16.8453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCB0
RGB	255, 188, 176
RGB Percent	100%, 74%, 69%
CMY	0.0000, 0.2627, 0.3098
CMYK	0.00, 0.26, 0.31, 0.00
HSL	9°, 100%, 85%
HSV	9°, 31%, 100%
XYZ	67.0598, 60.3611, 49.1908
YIQ	206.6650, 43.7840, 10.4720

# Conversions

## Conversions Part 2

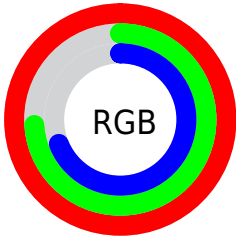
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 190, 176
Decimal	16759984
CIE Lab	82.04, 22.56, 15.56
CIE LCh	82, 27.404, 34.602
Yxy	60.3639, 0.3797, 0.3418
Android (android.graphics.Color)	4294950064 (0xFFFFBCB0)
YUV	206.6650, -15.1178, 42.3898
Hunter-Lab	77.6924, 18.1096, 16.8453

# Details

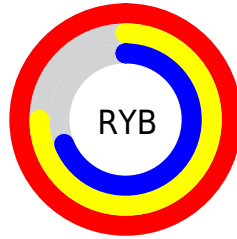
The HunterLab color **77.6924, 18.1096, 16.8453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.7489, -21.8085, -7.5788**, and the grayscale version is **78.8986, -4.2098, 4.2867**.

A 20% lighter version of the original color is **95.8058, -3.4126, 11.7295**, and **55.0914, 17.4016, 14.0847** is the 20% darker color. If you saturate the color by 10%, you get **71.3369, 26.5221, 20.2639**, and if you desaturate by 10%, it is **84.5057, 10.1085, 13.2617**.

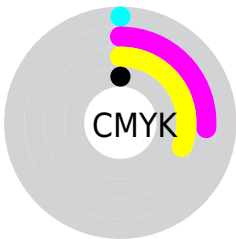
# Distribution



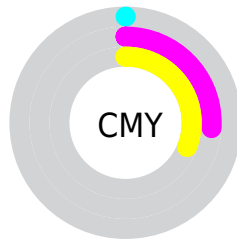
- Red (100%)
- Green (74%)
- Blue (69%)



- Red (100%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.6924, 18.1096, 16.8453 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 77.6924, 18.1096, 16.8453 by changing the saturation by 10% instead.




 77.6924, 18.1096,  
16.8453

 77.6924, 18.1096,  
16.8453


206.3826, 19.0328,  
29.5142

 66.1151, 17.6850,  
15.4270


 102.6437, 18.7223,  
19.6557

 55.1762, 17.1775,  
13.9890


115.9602, 18.9296,  
21.0543

 44.9177, 16.5734,  
12.5226


129.8074, 19.0766,  
22.4531

 35.3879, 15.8600,  
11.0136

144.1658, 19.1673,  
23.8543

 26.6476, 15.0211,  
9.4399

159.0176, 19.2053,  
25.2598

 18.7758, 14.0376,  
7.7654


174.3472, 19.1938,

 11.8817, 12.8921,


26.6708


6.5070


190.1399, 19.1355,  
28.0887


 4.7471, 20.4520,  
3.3230


0.0000, NaN, NaN


 77.6924, 18.1096,  
16.8453


 77.6924, 18.1096,  
16.8453


 71.3369, 26.5221,  
20.2639


 84.5057, 10.1085,  
13.2617


 65.5112, 35.2970,  
23.4256

 91.7069, 2.5314,  
9.5686

 60.3068, 44.2782,  
26.2066

 99.2450, -4.6517,  
5.8048

 55.8216, 53.1763,  
28.4465

 100.0000, -5.3358,  
5.4332

■ 52.1513, 61.5394,  
29.9716

■ 49.3700, 68.7848,  
30.6522

■ 47.6390, 73.8432,  
30.6477

# Harmonies

## Analogous

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



77.6942, 23.1011, 6.1612



77.6924, 18.1096, 16.8453



77.6942, 7.1584, 23.1970

# Triad

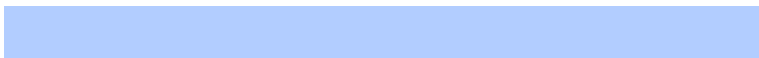
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6942, 18.1063, 16.8465



77.6942, -25.9859, 13.9818



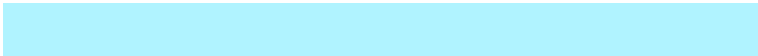
77.6942, -2.0813, -24.2296

# Complementary

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



77.6924, 18.1096, 16.8453



89.7489, -21.8085, -7.5788

# 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.



77.6942, -14.8460, -21.1942



77.6924, 18.1096, 16.8453



77.6942, -28.0956, 2.2461

# Square

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



77.6942, 18.1063, 16.8465



77.6942, -18.1834, 21.7491



77.6942, -24.1521, -10.9393



77.6942, 10.9566, -18.6504



# Rectangle

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



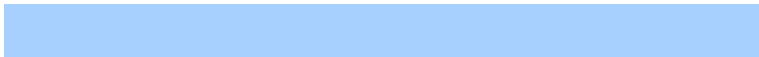
77.6924, 18.1096, 16.8453



77.6942, -1.7225, 24.8074



77.6942, -24.1521, -10.9393



77.6942, -6.5475, -24.1897

# Sweetspot

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



77.6942, 18.1063, 16.8465



93.1740, 1.0792, 8.8282



76.6756, 35.6819, -17.7878



42.6072, 0.9924, 4.3362

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.6942, 18.1063, 16.8465



73.8079, 23.1249, 18.9288



89.1767, -2.6497, 27.5946



42.9330, 0.6698, 4.1717



34.6275, 52.7558, 22.2609



11.3663, 14.7100, 7.2614



# Inverse Universe

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



89.7489, -21.8085, -7.5788



88.0179, -24.1729, -9.9159



77.1170, -1.9429, -25.2523



44.7027, -5.1336, 0.5979



54.4786, -21.9934, -20.6160



17.3536, -7.3240, -5.8800



# Previews

## White Background



This preview shows how the HunterLab color 77.6924, 18.1096, 16.8453 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 77.6924, 18.1096, 16.8453 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 77.6924, 18.1096, 16.8453 Background



This preview shows how black text looks on a background with the HunterLab color 77.6924, 18.1096, 16.8453.



This preview shows how white text looks on a background with the HunterLab color 77.6924, 18.1096,

16.8453.

# 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

77.6924, 18.1096, 16.8453

### Protanopia

77.9696, -4.3850, 13.4844

### Deuteranopia

77.8785, 5.5140, 17.5986



## Tritanopia

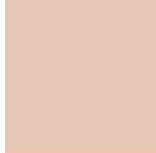
77.7826, 22.4728, 7.1360

# Trichromacy



## Original Color

77.6924, 18.1096, 16.8453



## Protanomaly

77.6005, 3.4317, 14.4762



## Deuteranomaly

77.8177, 9.8153, 17.2217



## Tritanomaly

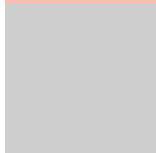
77.8217, 20.7341, 10.7637

# Monochromacy



## Original Color

77.6924, 18.1096, 16.8453



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

78.1929, 3.2325, 8.6393

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.6924, 18.1096, 16.8453 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, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 176)  
}
```

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, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 176) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.6924, 18.1096, 16.8453 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, 188, 176) }
```



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

```
.border{ border-color:rgb(255, 188, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 188, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
176) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.6924, 18.1096, 16.8453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 176) }
```

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

```
.background{ background-color: rgb(255,  
188, 176) }
```

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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