

# Converting Colors

HunterLab(82.5317, 40.9390,  
10.5976)

Have a look what the booklet for  
HunterLab(82.5317, 40.9390,  
10.5976) contains.

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# Color

**HunterLab(77.1276, 24.8847,  
4.0465)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB7CC
RGB	255, 183, 204
RGB Percent	100%, 72%, 80%
CMY	0.0000, 0.2823, 0.2000
CMYK	0.00, 0.28, 0.20, 0.00
HSL	343°, 100%, 86%
HSV	343°, 28%, 100%
XYZ	69.0726, 59.4867, 64.9683
YIQ	206.9220, 36.1710, 21.7950

# Conversions

## Conversions Part 2

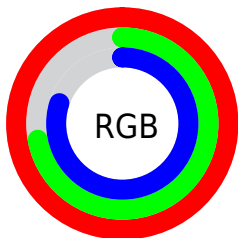
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 183, 204
Decimal	16758732
CIE Lab	81.56, 29.02, -0.17
CIE LCh	82, 29.018, 359.666
Yxy	59.4893, 0.3569, 0.3074
Android (android.graphics.Color)	4294948812 (0xFFFFB7CC)
YUV	206.9220, -1.4405, 42.1644
Hunter-Lab	77.1276, 24.8847, 4.0465

# Details

The HunterLab color  $77.1276, 24.8847, 4.0465$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $93.5569, -29.8985, 7.7925$ , and the grayscale version is  $78.9542, -4.2128, 4.2897$ .

A 20% lighter version of the original color is  $94.9805, 3.2181, -0.4744$ , and  $54.5645, 23.5282, 2.6812$  is the 20% darker color. If you saturate the color by 10%, you get  $70.0629, 35.9570, 4.5199$ , and if you desaturate by 10%, it is  $84.7918, 13.9494, 4.1379$ .

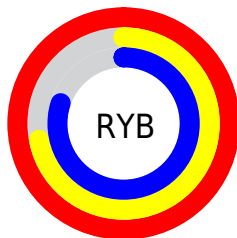
# Distribution



Red (100%)

Green (72%)

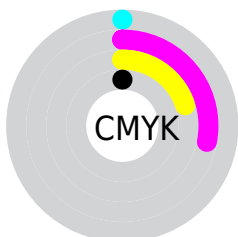
Blue (80%)



Red (100%)

Yellow (72%)

Blue (80%)

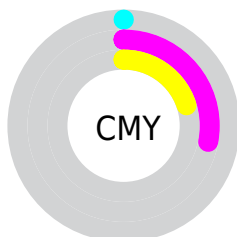


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.1276, 24.8847, 4.0465 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 77.1276, 24.8847, 4.0465 by changing the saturation by 10% instead.





 77.1276, 24.8847,  
4.0465

 77.1276, 24.8847,  
4.0465


205.5998, 27.9428,  
10.9828

 65.5798, 24.1839,  
3.4271


 102.0237, 26.0222,  
5.3882

 54.6724, 23.3901,  
2.8417


115.3145, 26.4794,  
6.1048

 44.4473, 22.4892,  
2.2941


129.1369, 26.8687,  
6.8506

 34.9536, 21.4687,  
1.7869

143.4713, 27.1949,  
7.6245

 26.2526, 20.3149,  
1.3238

158.3001, 27.4621,  
8.4255

 18.4246, 19.0165,  
0.9094


173.6072, 27.6737,

 11.5805, 17.5824,


9.2528


0.5502


189.3782, 27.8331,  
10.1054


 4.1555, 30.2219,  
0.0573


0.0000, NaN, NaN


 77.1276, 24.8847,  
4.0465


 77.1276, 24.8847,  
4.0465

 70.0629, 35.9570,  
4.5199


 84.7918, 13.9494,  
4.1379

 63.7077, 46.9518,  
5.6587

 92.9560, 3.2607,  
4.6909

 58.1968, 57.4531,  
7.5518

100.0000, -5.3358,  
5.4332

 53.6701, 66.8182,  
10.2257

■ 50.2478, 74.2317,  
13.5891

■ 47.9858, 78.9477,  
17.3908

■ 46.7991, 80.7694,  
21.2253

■ 46.6469, 80.9546,  
21.8445

# Harmonies

## Analogous

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



77.1293, 20.6811, -9.9831



77.1276, 24.8847, 4.0465



77.1293, 20.8586, 15.8946

# Triad

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



77.1293, 24.8815, 4.0479



77.1293, -17.0744, 23.4012



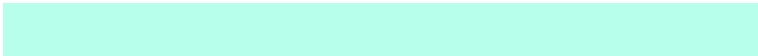
77.1293, -17.3296, -21.5189

# Complementary

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



77.1276, 24.8847, 4.0465



93.5569, -29.8985, 7.7925

# 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.



77.1293, -26.2750, -9.6758



77.1276, 24.8847, 4.0465



77.1293, -26.1353, 16.1120

# Square

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



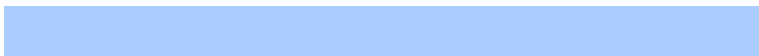
77.1293, 24.8815, 4.0479



77.1293, -3.9614, 25.7774



77.1293, -29.3821, 4.3486



77.1293, -4.2775, -26.2714



# Rectangle

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



77.1276, 24.8847, 4.0465



77.1293, 14.2086, 21.3718



77.1293, -29.3821, 4.3486



77.1293, -20.8815, -18.1415

# Sweetspot

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



77.1293, 24.8815, 4.0479



93.1514, 3.0150, 4.7086



76.4728, 26.5772, -25.7627



42.5138, 2.1305, 2.1272

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.1293, 24.8815, 4.0479



72.9743, 31.2622, 4.2447



80.4959, 14.0166, 16.8464



42.5138, 2.1305, 2.1272



33.7522, 58.6410, 15.3035



10.6172, 18.6121, 3.5291



# Inverse Universe

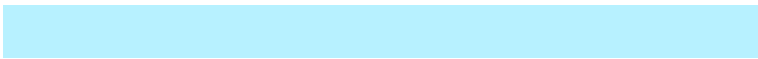
The Inverse Universe completely reimagines the original color for something new.



77.1293, 24.8815, 4.0479



72.9743, 31.2622, 4.2447



89.4219, -18.9188, -7.9582



42.5138, 2.1305, 2.1272



33.7522, 58.6410, 15.3035



10.6172, 18.6121, 3.5291



# Previews

## White Background



This preview shows how the HunterLab color 77.1276, 24.8847, 4.0465 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

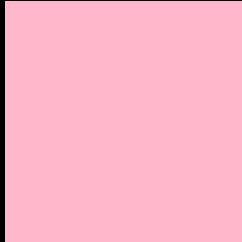
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.1276, 24.8847, 4.0465 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 77.1276, 24.8847, 4.0465 Background



This preview shows how black text looks on a background with the HunterLab color 77.1276, 24.8847, 4.0465.



This preview shows how white text looks on a background with the HunterLab color 77.1276, 24.8847,

4.0465.

# 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

77.1276, 24.8847, 4.0465

### Protanopia

77.3588, -1.5127, -1.6320

### Deuteranopia

77.3852, 5.4156, 4.9680



## Tritanopia

77.0902, 23.0223, 6.8157

# Trichromacy



## Original Color

77.1276, 24.8847, 4.0465



## Protanomaly

76.9824, 7.6430, 0.1056



## Deuteranomaly

77.2485, 12.4477, 4.4530



## Tritanomaly

77.1505, 23.3310, 5.9547

# Monochromacy



## Original Color

77.1276, 24.8847, 4.0465



## Achromatopsia

78.9912, -4.2148, 4.2917



## Achromatomaly

77.9049, 5.8965, 3.6678

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.1276, 24.8847, 4.0465 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, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 204)  
}
```

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, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 204) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.1276, 24.8847, 4.0465 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, 183, 204) }
```



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

```
.border{ border-color:rgb(255, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
204) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.1276, 24.8847, 4.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 204) }
```

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

```
.background{ background-color: rgb(255,  
183, 204) }
```

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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