

# Converting Colors

HunterLab(84.0722, 19.3773,  
-5.4798)

Have a look what the booklet for  
HunterLab(84.0722, 19.3773,  
-5.4798) contains.

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# Color

**HunterLab(84.0700, 19.3659,  
-5.4487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCEF
RGB	255, 204, 239
RGB Percent	100%, 80%, 94%
CMY	0.0000, 0.2000, 0.0627
CMYK	0.00, 0.20, 0.06, 0.00
HSL	319°, 100%, 90%
HSV	319°, 20%, 100%
XYZ	78.4128, 70.6776, 91.1706
YIQ	223.2390, 19.1610, 21.6970

# Conversions

## Conversions Part 2

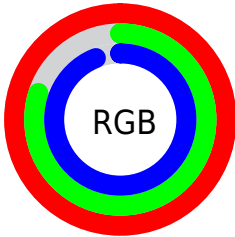
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 204, 239
Decimal	16764143
CIE Lab	87.33, 23.56, -10.35
CIE LCh	87, 25.734, 336.275
Yxy	70.6806, 0.3264, 0.2942
Android (android.graphics.Color)	4294954223 (0xFFFFCCEF)
YUV	223.2390, 7.7702, 27.8544
Hunter-Lab	84.0700, 19.3659, -5.4487

# Details

The HunterLab color  $84.0700, 19.3659, -5.4487$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $94.6180, -26.7662, 15.4038$ , and the grayscale version is  $85.9685, -4.5871, 4.6708$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.0224, 18.2386, -5.6069$  is the 20% darker color. If you saturate the color by 10%, you get  $76.8583, 31.9835, -10.4012$ , and if you desaturate by 10%, it is  $91.8120, 6.8953, -0.1315$ .

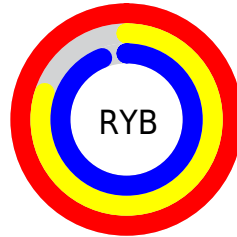
# Distribution



Red (100%)

Green (80%)

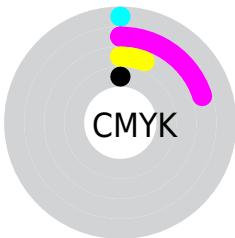
Blue (94%)



Red (100%)

Yellow (80%)

Blue (94%)

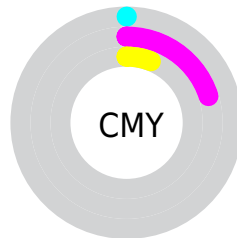


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0700, 19.3659, -5.4487 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 84.0700, 19.3659, -5.4487 by changing the saturation by 10% instead.



84.0700, 19.3659,  
-5.4487

84.0700, 19.3659,  
-5.4487

215.1595, 20.3527,  
-1.6382

72.1675, 18.9416,  
-5.6561

109.6261, 19.9855,  
-4.8825

60.8852, 18.4371,  
-5.8108

123.2261, 20.1984,  
-4.5330

50.2611, 17.8401,  
-5.9065

137.3462, 20.3521,  
-4.1423

40.3388, 17.1391,  
-5.9372

151.9679, 20.4505,  
-3.7125

31.1720, 16.3197,  
-5.8957

167.0745, 20.4969,  
-3.2456

22.8291, 15.3648,  
-5.7736

182.6510, 20.4944,

15.4013, 14.2561,

-2.7433

-5.5625

198.6835, 20.4456,  
-2.2070

■ 9.0079, 13.0463,  
-5.2847

0.0000, INF, -NF

■ 84.0700, 19.3659,  
-5.4487

■ 84.0700, 19.3659,  
-5.4487

■ 76.8583, 31.9835,  
-10.4012

■ 91.8120, 6.8953,  
-0.1315

■ 70.2653, 44.5772,  
-14.8304

100.0000, -5.3358,  
5.4332

■ 64.4019, 56.8131,  
-18.5084

■ 59.3876, 68.1601,  
-21.1469

■ 55.3375, 77.8877,  
-22.4298

■ 52.3352, 85.1835,  
-22.1000

■ 50.3944, 89.4289,  
-20.0889

■ 49.3510, 90.7859,  
-16.7255

■ 49.3508, 90.7861,  
-16.7247

# Harmonies

## Analogous

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



84.0717, 10.6440, -16.6786



84.0700, 19.3659, -5.4487



84.0717, 21.5243, 7.1068

# Triad

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



84.0717, 19.3629, -5.4472



84.0717, -7.1759, 24.7587



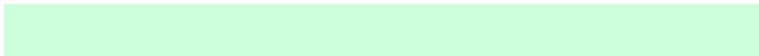
84.0717, -23.5086, -10.5627

# Complementary

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



84.0700, 19.3659, -5.4487



94.6180, -26.7662, 15.4038

# 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.



84.0717, -27.6820, 1.9645



84.0700, 19.3659, -5.4487



84.0717, -18.6245, 21.4149

# Square

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



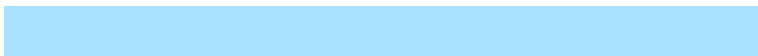
84.0717, 19.3629, -5.4472



84.0717, 5.6903, 23.3863



84.0717, -25.9490, 13.4998



84.0717, -14.2085, -19.9286



# Rectangle

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



84.0700, 19.3659, -5.4487



84.0717, 18.8478, 14.3365



84.0717, -25.9490, 13.4998



84.0717, -25.5313, -6.5155

# Sweetspot

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



84.0717, 19.3629, -5.4472



95.0360, 1.9742, 2.0685



80.9418, 10.4048, -19.2422



43.7221, 1.2841, 0.7895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.0717, 19.3629, -5.4472



81.1166, 24.4030, -7.4812



83.2550, 15.1005, 6.1623



42.6587, 2.9082, 0.0638



35.7131, 65.7669, -12.6373



11.2321, 20.8375, -5.1623



# Inverse Universe

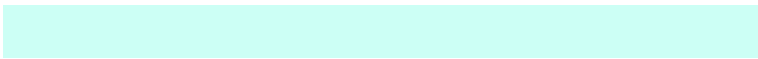
The Inverse Universe completely reimagines the original color for something new.



84.0717, 19.3629, -5.4472



81.1166, 24.4030, -7.4812



95.3617, -22.5386, 4.7562



42.6587, 2.9082, 0.0638



35.7131, 65.7669, -12.6373



11.2321, 20.8375, -5.1623



# Previews

## White Background



This preview shows how the HunterLab color 84.0700, 19.3659, -5.4487 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

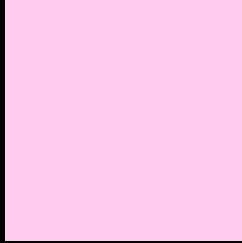
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.0700, 19.3659, -5.4487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

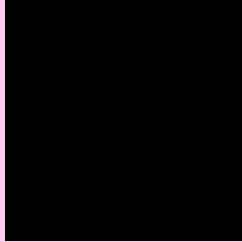
Any Text WCAG AA ✓ Pass

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 84.0700, 19.3659, -5.4487 Background



This preview shows how black text looks on a background with the HunterLab color 84.0700, 19.3659, -5.4487.



This preview shows how white text looks on a background with the HunterLab color 84.0700, 19.3659, -5.4487.

-5.4487.

# 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

84.0700, 19.3659, -5.4487

### Protanopia

84.1725, 0.6777, -10.6759

### Deuteranopia

84.1776, 6.1276, -4.4554



## Tritanopia

84.1641, 14.1950, 2.9305

# Trichromacy



## Original Color

84.0700, 19.3659, -5.4487

## Protanomaly

83.9658, 7.5211, -9.1281

## Deuteranomaly

84.1377, 10.6309, -4.9693

## Tritanomaly

84.1847, 16.1278, -0.0512

# Monochromacy



## Original Color

84.0700, 19.3659, -5.4487

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

85.1064, 4.0875, 0.8714

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.0700, 19.3659, -5.4487 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 239) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.0700, 19.3659, -5.4487 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, 239) }
```



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

```
.border{ border-color:rgb(255, 204, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
239) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.0700, 19.3659, -5.4487 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
204, 239) }
```

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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