

Converting Colors

HunterLab(83.7931, 17.9250,
-1.5245)

Have a look what the booklet for
HunterLab(83.7931, 17.9250,
-1.5245) contains.

HunterLab(83.7945, 17.9325, -1.5450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.7945, 17.9325,
-1.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE7
RGB	255, 204, 231
RGB Percent	100%, 80%, 91%
CMY	0.0000, 0.2000, 0.0941
CMYK	0.00, 0.20, 0.09, 0.00
HSL	328°, 100%, 90%
HSV	328°, 20%, 100%
XYZ	77.2566, 70.2152, 85.0822
YIQ	222.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

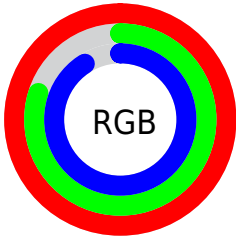
Format	Color
R _Y B	255, 204, 231
Decimal	16764135
CIE Lab	87.10, 22.22, -6.45
CIE LCh	87, 23.134, 343.811
Yxy	70.2181, 0.3322, 0.3019
Android (android.graphics.Color)	4294954215 (0xFFFFCCE7)
YUV	222.3270, 4.2758, 28.6542
Hunter-Lab	83.7945, 17.9325, -1.5450

Details

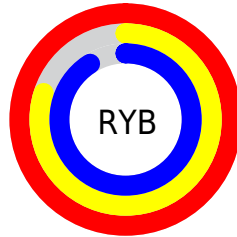
The HunterLab color **83.7945, 17.9325, -1.5450** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94.8472, -25.4599, 12.1142**, and the grayscale version is **85.5859, -4.5666, 4.6500**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **60.7566, 16.8730, -1.8451** is the 20% darker color. If you saturate the color by 10%, you get **76.4310, 29.8374, -4.3693**, and if you desaturate by 10%, it is **91.6789, 6.1824, 1.7619**.

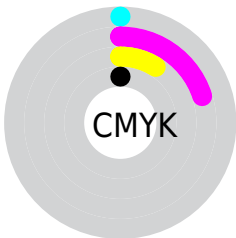
Distribution



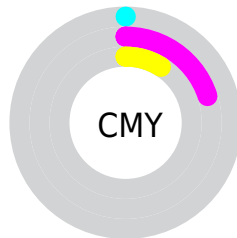
- Red (100%)
- Green (80%)
- Blue (91%)



- Red (100%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.7945, 17.9325, -1.5450 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 83.7945, 17.9325, -1.5450 by changing the saturation by 10% instead.

83.7945, 17.9325,
-1.5450

83.7945, 17.9325,
-1.5450

214.7826, 18.4934,
3.4753

71.9058, 17.5630,
-1.9095

109.3251, 18.4478,
-0.6811

60.6378, 17.1152,
-2.2276

122.9132, 18.6110,
-0.1900

50.0291, 16.5770,
-2.4933

137.0217, 18.7163,
0.3381

40.1232, 15.9370,
-2.7013

151.6323, 18.7677,
0.9013

30.9742, 15.1807,
-2.8447

166.7281, 18.7684,
1.4979

22.6509, 14.2904,
-2.9145

182.2941, 18.7213,

15.2450, 13.2459,

2.1267

-2.8981

198.3165, 18.6288,
2.7862

■ 8.8681, 12.1375,
-2.8147

0.0000, INF, -NF

■ 83.7945, 17.9325,
-1.5450

■ 83.7945, 17.9325,
-1.5450

■ 76.4310, 29.8374,
-4.3693

■ 91.6789, 6.1824,
1.7619

■ 69.6774, 41.7503,
-6.5652

100.0000, -5.3358,
5.4332

■ 63.6473, 53.3687,
-7.9410

■ 58.4660, 64.1952,
-8.2798

■ 54.2578, 73.5218,
-7.3795

■ 51.1187, 80.5327,
-5.1332

■ 49.0750, 84.5792,
-1.6269

■ 47.9680, 85.7923,
2.7299

■ 47.9677, 85.7924,
2.7309

Harmonies

Analogous

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



83.7962, 11.4547, -12.1558



83.7945, 17.9325, -1.5450



83.7962, 18.1927, 9.4479

Triad

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



83.7962, 17.9295, -1.5436



83.7962, -9.7099, 22.5880



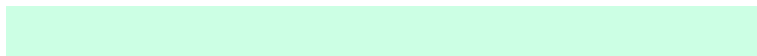
83.7962, -19.9029, -11.4165

Complementary

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



83.7945, 17.9325, -1.5450



94.8472, -25.4599, 12.1142

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.



83.7962, -24.9642, -0.6386



83.7945, 17.9325, -1.5450



83.7962, -19.2983, 18.4157

Square

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



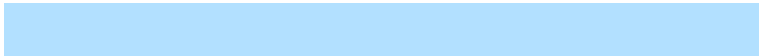
83.7962, 17.9295, -1.5436



83.7962, 1.8048, 22.4145



83.7962, -24.7490, 10.2387



83.7962, -10.5764, -18.3618

Rectangle

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



83.7945, 17.9325, -1.5450



83.7962, 14.7809, 15.4830



83.7962, -24.7490, 10.2387



83.7962, -22.1364, -8.0626

Sweetspot

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



83.7962, 17.9295, -1.5436



94.9571, 1.5480, 3.1911



81.7743, 13.1355, -17.9760



43.6816, 1.0653, 1.3666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7962, 17.9295, -1.5436



80.7815, 22.6823, -2.7396



83.0003, 13.7626, 9.8073



42.6002, 2.5948, 0.8953



34.7177, 62.1752, 1.3481



10.9347, 19.7689, -1.0189

Inverse Universe

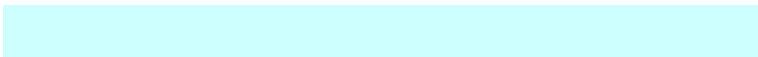
The Inverse Universe completely reimagines the original color for something new.



83.7962, 17.9295, -1.5436



80.7815, 22.6823, -2.7396



95.6395, -20.9683, 0.8006



42.6002, 2.5948, 0.8953



34.7177, 62.1752, 1.3481



10.9347, 19.7689, -1.0189

Previews

White Background



This preview shows how the HunterLab color 83.7945, 17.9325, -1.5450 looks on a white background.

Color Contrast Check

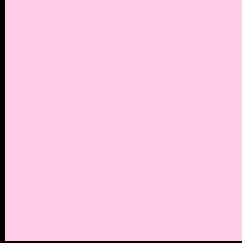
Large Text (above 18pt) WCAG AA × Fail

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 83.7945, 17.9325, -1.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

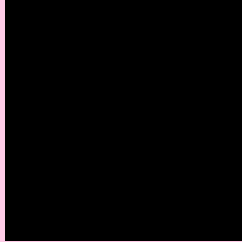
Any Text WCAG AA ✓ Pass

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 83.7945, 17.9325, -1.5450 Background



This preview shows how black text looks on a background with the HunterLab color 83.7945, 17.9325, -1.5450.



This preview shows how white text looks on a background with the HunterLab color 83.7945, 17.9325, -1.5450.

-1.5450.

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

83.7945, 17.9325, -1.5450

Protanopia

83.9384, -0.7728, -5.9726

Deuteranopia

83.9084, 6.2150, -0.5668



Tritanopia

83.9568, 14.9335, 3.1919

Trichromacy



Original Color

83.7945, 17.9325, -1.5450

Protanomaly

83.6457, 5.8103, -4.6061

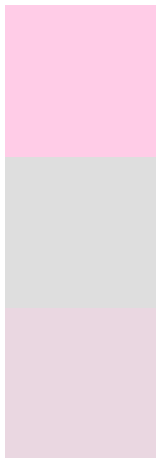
Deuteranomaly

83.7803, 10.4106, -1.1721

Tritanomaly

83.7674, 15.9842, 1.4778

Monochromacy



Original Color

83.7945, 17.9325, -1.5450

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

84.5751, 3.5789, 2.2399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7945, 17.9325, -1.5450 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7945, 17.9325, -1.5450 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, 231) }
```


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

```
.border{ border-color:rgb(255, 204, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7945, 17.9325, -1.5450 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
204, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor