

Converting Colors

HunterLab(83.6698, 20.3105,
-4.5229)

Have a look what the booklet for
HunterLab(83.6698, 20.3105,
-4.5229) contains.

HunterLab(83.4010, 19.9206, -4.6750)	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(83.4010, 19.9206,
-4.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAEC
RGB	255, 202, 236
RGB Percent	100%, 79%, 93%
CMY	0.0000, 0.2078, 0.0745
CMYK	0.00, 0.21, 0.07, 0.00
HSL	322°, 100%, 90%
HSV	322°, 21%, 100%
XYZ	77.5010, 69.5573, 88.6981
YIQ	221.7230, 20.6740, 21.8100

Conversions

Conversions Part 2

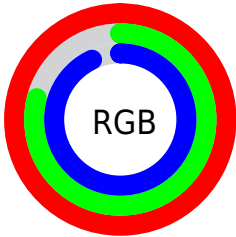
Format	Color
R _Y B	255, 202, 236
Decimal	16763628
CIE Lab	86.78, 24.10, -9.58
CIE LCh	87, 25.935, 338.321
Yxy	69.5601, 0.3287, 0.2950
Android (android.graphics.Color)	4294953708 (0xFFFFCAEC)
YUV	221.7230, 7.0386, 29.1839
Hunter-Lab	83.4010, 19.9206, -4.6750

Details

The HunterLab color $83.4010, 19.9206, -4.6750$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $94.4977, -27.1566, 14.8317$, and the grayscale version is $85.3122, -4.5520, 4.6352$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $60.3994, 18.7701, -4.8405$ is the 20% darker color. If you saturate the color by 10%, you get $76.1891, 32.3335, -8.9613$, and if you desaturate by 10%, it is $91.1464, 7.6441, 0.0297$.

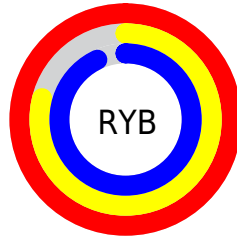
Distribution



Red (100%)

Green (79%)

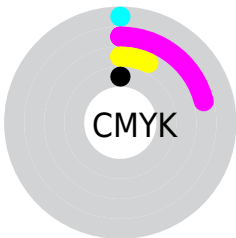
Blue (93%)



Red (100%)

Yellow (79%)

Blue (93%)

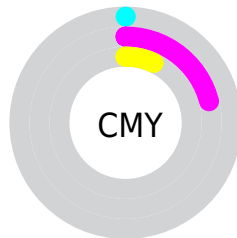


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.4010, 19.9206, -4.6750 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 83.4010, 19.9206, -4.6750 by changing the saturation by 10% instead.


 83.4010, 19.9206,
-4.6750

 83.4010, 19.9206,
-4.6750


214.2438, 21.1102,
-0.6461

 71.5318, 19.4691,
-4.9102


108.8950, 20.5908,
-4.0557

 60.2846, 18.9363,
-5.0936


122.4659, 20.8276,
-3.6808

 49.6978, 18.3095,
-5.2187


136.5580, 21.0044,
-3.2653

 39.8155, 17.5770,
-5.2798

151.1526, 21.1251,
-2.8114

 30.6920, 16.7244,
-5.2693

166.2330, 21.1931,
-2.3209

 22.3967, 15.7346,
-5.1784

181.7840, 21.2116,

 15.0224, 14.5903,

-1.7956

-4.9973

197.7918, 21.1832,
-1.2369

8.6641, 13.4896,
-4.7976

0.0000, INF, -NF

83.4010, 19.9206,
-4.6750

83.4010, 19.9206,
-4.6750

76.1891, 32.3335,
-8.9613

91.1464, 7.6441,
0.0297

69.6005, 44.7094,
-12.6685

99.3420, -4.4041,
5.0320

63.7480, 56.7092,
-15.5733

100.0000, -5.3358,
5.4332

58.7530, 67.7950,
-17.4033

■ 54.7320, 77.2300,
-17.8759

■ 51.7682, 84.2032,
-16.7869

■ 49.8718, 88.1174,
-14.1318

■ 48.9134, 89.2144,
-10.6306

Harmonies

Analogous

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



83.4027, 11.5206, -16.2179



83.4010, 19.9206, -4.6750



83.4027, 21.5864, 7.8890

Triad

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



83.4027, 19.9175, -4.6736



83.4027, -8.0206, 24.7071



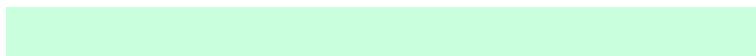
83.4027, -23.0696, -11.4889

Complementary

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



83.4010, 19.9206, -4.6750



94.4977, -27.1566, 14.8317

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.



83.4027, -27.6470, 1.0458



83.4010, 19.9206, -4.6750



83.4027, -19.3112, 21.0385

Square

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



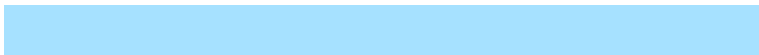
83.4027, 19.9175, -4.6736



83.4027, 4.9254, 23.6554



83.4027, -26.3142, 12.8090



83.4027, -13.4376, -20.5511

Rectangle

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



83.4010, 19.9206, -4.6750



83.4027, 18.5684, 14.9942



83.4027, -26.3142, 12.8090



83.4027, -25.2229, -7.4719

Sweetspot

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



83.4027, 19.9175, -4.6736



95.0134, 1.8521, 2.3901



80.4774, 11.8861, -19.9024



43.7105, 1.2214, 0.9549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4027, 19.9175, -4.6736



80.2902, 25.1450, -6.5411



82.5559, 15.5045, 7.3736



42.6419, 2.8182, 0.3026



35.3992, 64.6396, -8.2688



11.1400, 20.5081, -3.8908

Inverse Universe

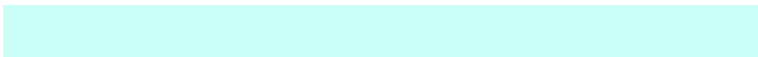
The Inverse Universe completely reimagines the original color for something new.



83.4027, 19.9175, -4.6736



80.2902, 25.1450, -6.5411



95.2869, -22.6678, 3.5397



42.6419, 2.8182, 0.3026



35.3992, 64.6396, -8.2688



11.1400, 20.5081, -3.8908

Previews

White Background



This preview shows how the HunterLab color 83.4010, 19.9206, -4.6750 looks on a white background.

Color Contrast Check

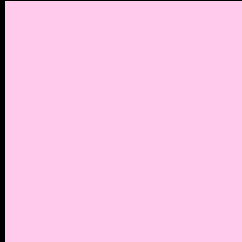
Large Text (above 18pt) WCAG AA × Fail

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 83.4010, 19.9206, -4.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

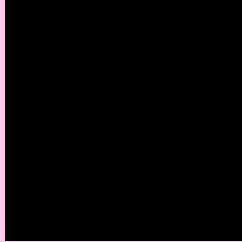
Any Text WCAG AA ✓ Pass

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 83.4010, 19.9206, -4.6750 Background



This preview shows how black text looks on a background with the HunterLab color 83.4010, 19.9206, -4.6750.



This preview shows how white text looks on a background with the HunterLab color 83.4010, 19.9206, -4.6750.

-4.6750.

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

83.4010, 19.9206, -4.6750

Protanopia

83.5766, -0.0063, -9.7838

Deuteranopia

83.3774, 6.3063, -3.8665



Tritanopia

83.5259, 14.9438, 3.1721

Trichromacy



Original Color

83.4010, 19.9206, -4.6750

Protanomaly

83.3627, 6.8209, -8.2593

Deuteranomaly

83.4477, 11.1588, -4.2283

Tritanomaly

83.5150, 16.7000, 0.6732

Monochromacy



Original Color

83.4010, 19.9206, -4.6750

Achromatopsia

85.4670, -4.5603, 4.6436

Achromatomaly

84.6400, 3.9281, 1.3164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4010, 19.9206, -4.6750 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, 202, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 236)  
}
```

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, 202, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4010, 19.9206, -4.6750 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, 202, 236) }
```


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

```
.border{ border-color:rgb(255, 202, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4010, 19.9206, -4.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 236) }
```

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

```
.background{ background-color: rgb(255,  
202, 236) }
```

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