

Converting Colors

HunterLab(83.3646, 15.6685,
4.5833)

Have a look what the booklet for
HunterLab(83.3646, 15.6685,
4.5833) contains.

HunterLab(83.3713, 15.7215, 4.4775)	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(83.3713, 15.7215,
4.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCDA
RGB	255, 204, 218
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2000, 0.1451
CMYK	0.00, 0.20, 0.15, 0.00
HSL	344°, 100%, 90%
HSV	344°, 20%, 100%
XYZ	75.4878, 69.5077, 75.7674
YIQ	220.8450, 25.9020, 15.1660

Conversions

Conversions Part 2

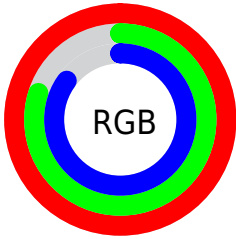
Format	Color
R _Y B	255, 204, 218
Decimal	16764122
CIE Lab	86.76, 20.13, -0.07
CIE LCh	87, 20.126, 359.815
Yxy	69.5107, 0.3419, 0.3149
Android (android.graphics.Color)	4294954202 (0xFFFFCCDA)
YUV	220.8450, -1.4026, 29.9539
Hunter-Lab	83.3713, 15.7215, 4.4775

Details

The HunterLab color $83.3713, 15.7215, 4.4775$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $95.2415, -23.2199, 6.4727$, and the grayscale version is $84.9648, -4.5335, 4.6163$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $60.3844, 14.9519, 3.4481$ is the 20% darker color. If you saturate the color by 10%, you get $75.7954, 26.6244, 4.6659$, and if you desaturate by 10%, it is $91.4683, 5.0525, 4.7628$.

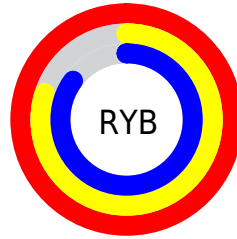
Distribution



Red (100%)

Green (80%)

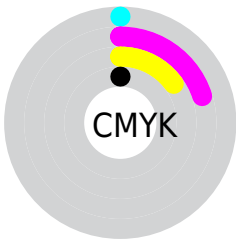
Blue (85%)



Red (100%)

Yellow (80%)

Blue (85%)

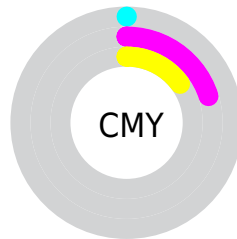


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.3713, 15.7215, 4.4775 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 83.3713, 15.7215, 4.4775 by changing the saturation by 10% instead.


 83.3713, 15.7215,
4.4775

 83.3713, 15.7215,
4.4775


214.2032, 15.6131,
11.5784

 71.5036, 15.4383,
3.8357


108.8626, 16.0724,
5.8608

 60.2580, 15.0803,
3.2267


122.4322, 16.1573,
6.5968

 49.6728, 14.6354,
2.6539


136.5230, 16.1868,
7.3613

 39.7923, 14.0923,
2.1196

151.1165, 16.1643,
8.1533

 30.6708, 13.4368,
1.6269

166.1957, 16.0932,
8.9718

 22.3776, 12.6504,
1.1798


181.7456, 15.9760,

 15.0057, 11.7107,


9.8159


0.7833


197.7523, 15.8152,
10.6850


 8.6485, 10.7904,
0.4396


0.0000, INF, NaN

 83.3713, 15.7215,
4.4775


 83.3713, 15.7215,
4.4775


 75.7954, 26.6244,
4.6659

 91.4683, 5.0525,
4.7628

 68.8336, 37.6560,
5.4200

100.0000, -5.3358,
5.4332

 62.6068, 48.5637,
6.8371

 57.2516, 58.8985,
8.9862

■ 52.9077, 67.9801,
11.8633

■ 49.6886, 74.9803,
15.3354

■ 47.6339, 79.2016,
19.1135

■ 46.5856, 80.7274,
22.7469

■ 46.5854, 80.7277,
22.7477

Harmonies

Analogous

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



83.3731, 12.8777, -5.2212



83.3713, 15.7215, 4.4775



83.3731, 12.9451, 13.1526

Triad

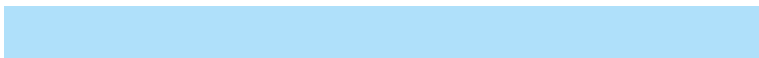
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3731, 15.7184, 4.4788



83.3731, -13.8250, 18.9359



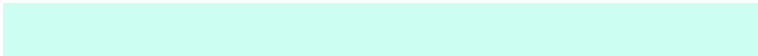
83.3731, -13.9283, -12.9250

Complementary

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



83.3713, 15.7215, 4.4775



95.2415, -23.2199, 6.4727

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.



83.3731, -20.5320, -5.1064



83.3713, 15.7215, 4.4775



83.3731, -20.4745, 13.2441

Square

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



83.3731, 15.7184, 4.4788



83.3731, -4.3906, 20.8759



83.3731, -22.8721, 4.5975



83.3731, -4.5154, -15.9668

Rectangle

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



83.3713, 15.7215, 4.4775



83.3731, 8.3573, 17.3703



83.3731, -22.8721, 4.5975



83.3731, -16.5338, -10.7260

Sweetspot

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



83.3731, 15.7184, 4.4788



94.8310, 0.8654, 4.9887



83.0847, 17.3807, -16.0123



43.6169, 0.7155, 2.2891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

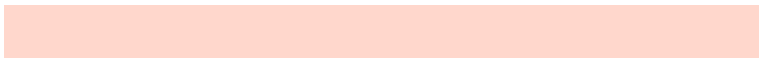
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3731, 15.7184, 4.4788



80.2730, 20.0587, 4.4920



86.1677, 7.5846, 13.9187



42.5076, 2.0975, 2.2149



33.7063, 58.4718, 15.9766



10.6003, 18.5500, 3.7753

Inverse Universe

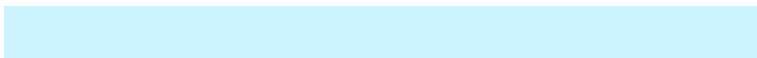
The Inverse Universe completely reimagines the original color for something new.



83.3731, 15.7184, 4.4788



80.2730, 20.0587, 4.4920



92.0491, -15.0856, -4.4820



42.5076, 2.0975, 2.2149



33.7063, 58.4718, 15.9766



10.6003, 18.5500, 3.7753

Previews

White Background



This preview shows how the HunterLab color 83.3713, 15.7215, 4.4775 looks on a white background.

Color Contrast Check

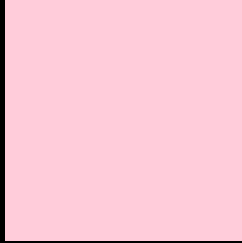
Large Text (above 18pt) WCAG AA × Fail

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 83.3713, 15.7215, 4.4775 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 83.3713, 15.7215, 4.4775 Background



This preview shows how black text looks on a background with the HunterLab color 83.3713, 15.7215, 4.4775.



This preview shows how white text looks on a background with the HunterLab color 83.3713, 15.7215,

4.4775.

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

83.3713, 15.7215, 4.4775

Protanopia

83.4314, -1.8898, 0.7549

Deuteranopia

83.6355, 6.0566, 5.1050



Tritanopia

83.4344, 16.0521, 3.5769

Trichromacy



Original Color

83.3713, 15.7215, 4.4775

Protanomaly

83.3767, 3.9679, 2.3029

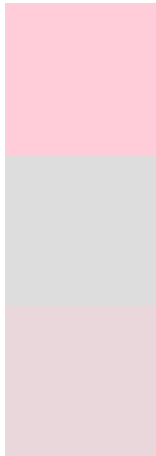
Deuteranomaly

83.3870, 9.7738, 4.8783

Tritanomaly

83.4028, 15.8863, 4.0284

Monochromacy



Original Color

83.3713, 15.7215, 4.4775

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

84.3160, 2.3819, 4.3838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3713, 15.7215, 4.4775 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3713, 15.7215, 4.4775 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, 218) }
```


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

```
.border{ border-color:rgb(255, 204, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3713, 15.7215, 4.4775 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
204, 218) }
```

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