

Converting Colors

HunterLab(83.4358, 16.0594,
3.5570)

Have a look what the booklet for
HunterLab(83.4358, 16.0594,
3.5570) contains.

HunterLab(83.4344, 16.0521, 3.5769)	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(83.4344, 16.0521,
3.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCDC
RGB	255, 204, 220
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.2000, 0.1372
CMYK	0.00, 0.20, 0.14, 0.00
HSL	341°, 100%, 90%
HSV	341°, 20%, 100%
XYZ	75.7511, 69.6130, 77.1542
YIQ	221.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

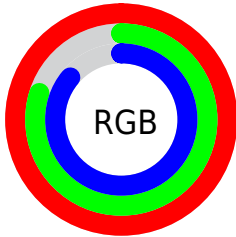
Format	Color
R _Y B	255, 204, 220
Decimal	16764124
CIE Lab	86.81, 20.44, -1.05
CIE LCh	87, 20.467, 357.058
Yxy	69.6159, 0.3404, 0.3128
Android (android.graphics.Color)	4294954204 (0xFFFFCCDC)
YUV	221.0730, -0.5290, 29.7540
Hunter-Lab	83.4344, 16.0521, 3.5769

Details

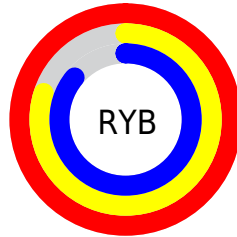
The HunterLab color **83.4344, 16.0521, 3.5769** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95.1790, -23.5740, 7.3645**, and the grayscale version is **85.0603, -4.5386, 4.6215**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **60.4442, 15.2615, 2.5951** is the 20% darker color. If you saturate the color by 10%, you get **75.8884, 27.0965, 3.3380**, and if you desaturate by 10%, it is **91.5002, 5.2240, 4.3072**.

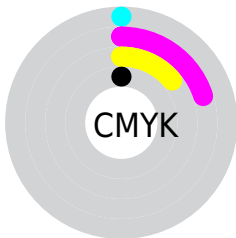
Distribution



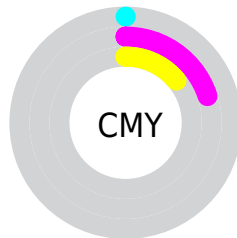
- Red (100%)
- Green (80%)
- Blue (86%)



- Red (100%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4344, 16.0521, 3.5769 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 83.4344, 16.0521, 3.5769 by changing the saturation by 10% instead.

83.4344, 16.0521,
3.5769

83.4344, 16.0521,
3.5769

214.2896, 16.0448,
10.3487

71.5636, 15.7559,
2.9795

108.9316, 16.4279,
4.8775

60.3146, 15.3843,
2.4172

122.5040, 16.5246,
5.5747

49.7259, 14.9252,
1.8940

136.5974, 16.5656,
6.3018

39.8416, 14.3674,
1.4129

151.1934, 16.5543,
7.0576

30.7160, 13.6965,
0.9776

166.2751, 16.4939,
7.8411

22.4183, 12.8943,
0.5935


181.8274, 16.3873,

15.0413, 11.9385,


8.6513


0.2676


197.8365, 16.2369,
9.4875


 8.6816, 10.9876,
-0.0290


0.0000, INF, NaN

 83.4344, 16.0521,
3.5769


 83.4344, 16.0521,
3.5769


 75.8884, 27.0965,
3.3380

 91.5002, 5.2240,
4.3072

 68.9544, 38.2454,
3.6938

100.0000, -5.3358,
5.4332

 62.7521, 49.2385,
4.7593

 57.4158, 59.6201,
6.6290

■ 53.0833, 68.7066,
9.3318

■ 49.8656, 75.6729,
12.7693

■ 47.8010, 79.8299,
16.6754

■ 46.7324, 81.2690,
20.5927

■ 46.7322, 81.2692,
20.5936

Harmonies

Analogous

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



83.4362, 12.6502, -6.2549



83.4344, 16.0521, 3.5769



83.4362, 13.7390, 12.5911

Triad

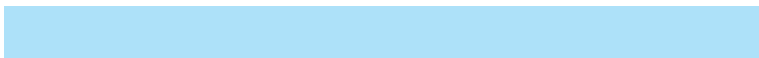
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4362, 16.0490, 3.5783



83.4362, -13.1924, 19.5076



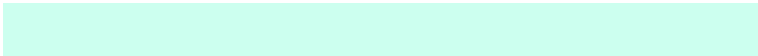
83.4362, -14.8567, -12.6830

Complementary

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



83.4344, 16.0521, 3.5769



95.1790, -23.5740, 7.3645

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.



83.4362, -21.2149, -4.3993



83.4344, 16.0521, 3.5769



83.4362, -20.2870, 14.0641

Square

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



83.4362, 16.0490, 3.5783



83.4362, -3.4473, 21.1091



83.4362, -23.1549, 5.4937



83.4362, -5.4608, -16.3232

Rectangle

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



83.4344, 16.0521, 3.5769



83.4362, 9.3306, 17.0782



83.4362, -23.1549, 5.4937



83.4362, -17.4026, -10.3039

Sweetspot

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



83.4362, 16.0490, 3.5783



94.8503, 0.9696, 4.7143



82.9057, 16.8047, -16.2784



43.6267, 0.7688, 2.1484

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

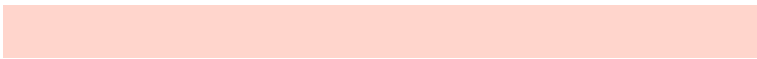
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4362, 16.0490, 3.5783



80.3483, 20.4484, 3.4178



85.6663, 8.4914, 13.3956



42.5217, 2.1730, 2.0144



33.8156, 58.8746, 14.3749



10.6401, 18.6961, 3.1968

Inverse Universe

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



83.4362, 16.0490, 3.5783



80.3483, 20.4484, 3.4178



92.6054, -15.9464, -3.7881



42.5217, 2.1730, 2.0144



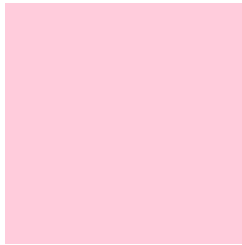
33.8156, 58.8746, 14.3749



10.6401, 18.6961, 3.1968

Previews

White Background



This preview shows how the HunterLab color 83.4344, 16.0521, 3.5769 looks on a white background.

Color Contrast Check

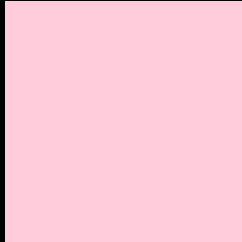
Large Text (above 18pt) WCAG AA × Fail

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 83.4344, 16.0521, 3.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

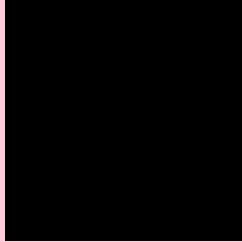
Any Text WCAG AA ✓ Pass

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 83.4344, 16.0521, 3.5769 Background



This preview shows how black text looks on a background with the HunterLab color 83.4344, 16.0521, 3.5769.



This preview shows how white text looks on a background with the HunterLab color 83.4344, 16.0521,

3.5769.

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

83.4344, 16.0521, 3.5769

Protanopia

83.4972, -1.5316, -0.1802

Deuteranopia

83.5943, 6.0438, 4.0833



Tritanopia

83.4344, 16.0521, 3.5769

Trichromacy



Original Color

83.4344, 16.0521, 3.5769

Protanomaly

83.4414, 4.3155, 1.3824

Deuteranomaly

83.3423, 9.7513, 3.8491

Tritanomaly

83.4344, 16.0521, 3.5769

Monochromacy



Original Color

83.4344, 16.0521, 3.5769

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

84.3475, 2.5519, 3.9344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4344, 16.0521, 3.5769 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4344, 16.0521, 3.5769 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, 220) }
```


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

```
.border{ border-color:rgb(255, 204, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4344, 16.0521, 3.5769 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
204, 220) }
```

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