

Converting Colors

CIELCh(88, 16.673, 359.620)

Have a look what the booklet for
CIELCh(88, 16.673, 359.620)
contains.

CIELCh(88, 16.417, 0.315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 16.417, 0.315)

Conversions

Conversions Part 1

Format	Color
Hex	FCD2DD
RGB	252, 210, 221
RGB Percent	99%, 82%, 87%
CMY	0.0114, 0.1762, 0.1330
CMYK	0.00, 0.17, 0.12, 0.01
HSL	344°, 88%, 91%
HSV	344°, 17%, 99%
XYZ	76.3002, 72.0653, 78.3484
YIQ	223.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

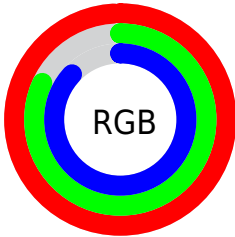
Format	Color
R _Y B	252, 210, 221
Decimal	16569053
CIE Lab	88.00, 16.42, 0.09
CIE LCh	88, 16.417, 0.315
Yxy	72.0653, 0.3365, 0.3179
Android (android.graphics.Color)	4294759133 (0xFFFCDD)
YUV	223.8120, -1.3863, 24.7209
Hunter-Lab	84.8913, 11.8759, 4.7036

Details

The CIELCh color **88, 16.417, 0.315** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 15.533, 177.120**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 16.614, 359.799** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.792, 1.585**, and if you desaturate by 10%, it is **95, 6.417, 359.200**.

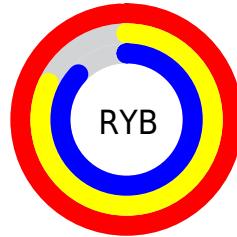
Distribution



Red (99%)

Green (82%)

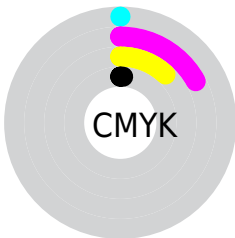
Blue (87%)



Red (99%)

Yellow (82%)

Blue (87%)

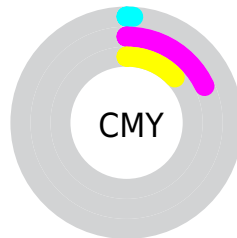


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (1%)



Cyan (1%)

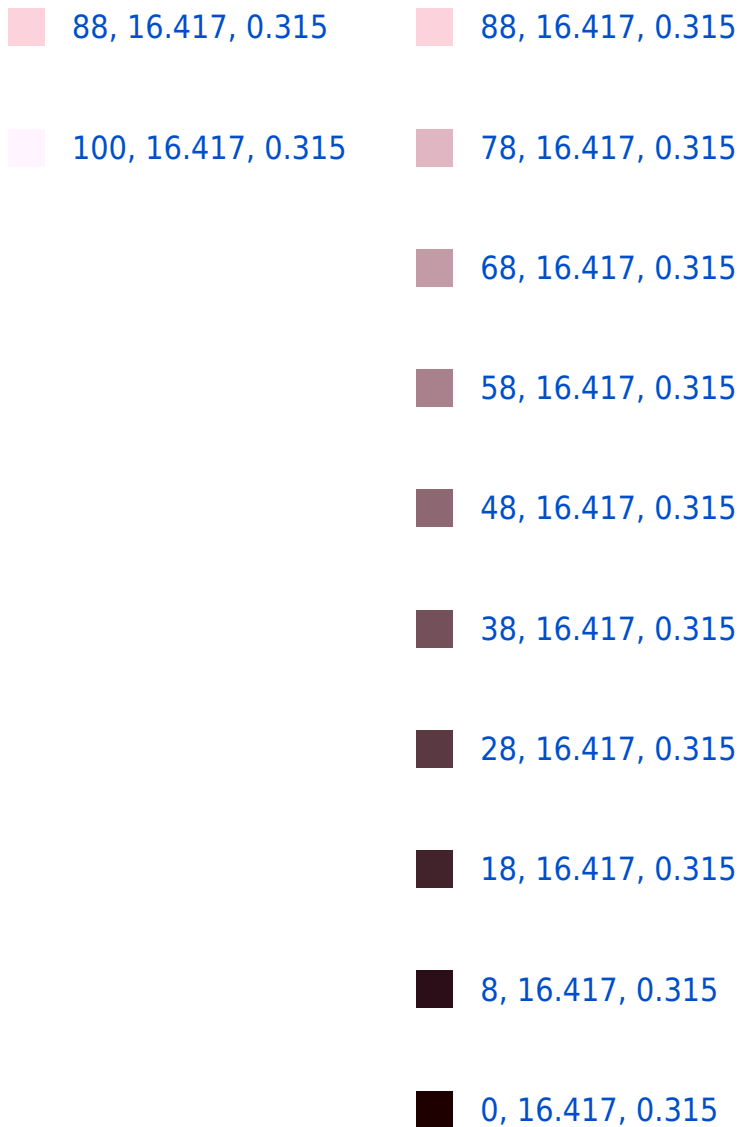
Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.417, 0.315 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 CIELCh color 88, 16.417, 0.315 by changing the saturation by 10% instead.



88, 16.417, 0.315

88, 16.417, 0.315

82, 26.792, 1.585

95, 6.417, 359.200

76, 37.406, 3.091

100, 1.015,
199.994

70, 48.010, 4.929

65, 58.239, 7.219

60, 67.637, 10.118

57, 75.767, 13.797

55, 82.401, 18.383

53, 87.712, 23.819

53, 89.413, 25.669

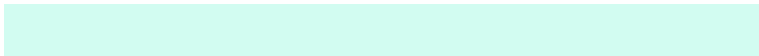
Harmonies

Complementary

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



88, 16.417, 0.315



96, 15.533, 177.120

Rectangle

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



88, 16.417, 0.315



88, 16.417, 50.315



88, 16.417, 180.315



88, 16.417, 230.315

Sweetspot

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



88, 16.414, 0.320



97, 4.844, 359.008



88, 24.493, 317.489



51, 3.310, 359.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

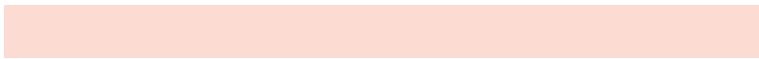
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.414, 0.320



87, 20.029, 0.722



90, 13.090, 42.829



49, 5.473, 359.513



40, 71.381, 24.565



9, 30.710, 14.441

Inverse Universe

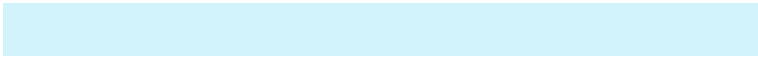
The Inverse Universe completely reimagines the original color for something new.



88, 16.414, 0.320



87, 20.029, 0.722



94, 11.777, 224.314



49, 5.473, 359.513



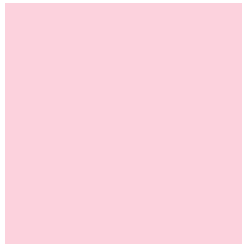
40, 71.381, 24.565



9, 30.710, 14.441

Previews

White Background



This preview shows how the CIELCh color 88, 16.417, 0.315 looks on a white background.

Color Contrast Check

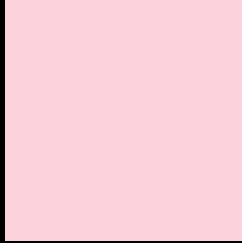
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 16.417, 0.315 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](#).

CIELCh 88, 16.417, 0.315

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.417, 0.315.

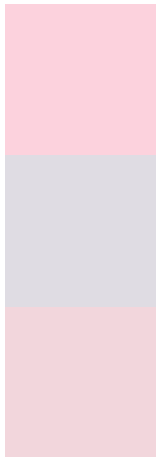


This preview shows how white text looks on a background with the CIELCh color 88, 16.417, 0.315.

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

88, 16.417, 0.315

Protanopia

88, 3.828, 306.653

Deuteranopia

88, 10.700, 3.232



Tritanopia
88, 18.275, 351.925

Trichromacy



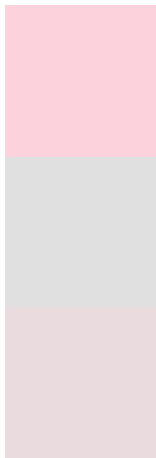
Original Color
88, 16.417, 0.315

Protanomaly
88, 8.036, 344.235

Deuteranomaly
88, 12.622, 3.600

Tritanomaly
88, 17.840, 354.898

Monochromacy



Original Color
88, 16.417, 0.315

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.824, 358.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.417, 0.315 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(252, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 221)  
}
```

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(252, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.417, 0.315 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(252, 210, 221) }
```

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

```
.border{ border-color:rgb(252, 210, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.417, 0.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 221) }
```

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

```
.background{ background-color: rgb(252,  
210, 221) }
```

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