

Converting Colors

CIELCh(100, 59.792, 27.571)

Have a look what the booklet for
CIELCh(100, 59.792, 27.571)
contains.

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Color

CIELCh(88, 16.829, 34.713)

Conversions

Conversions Part 1

Format	Color
Hex	FED3CB
RGB	254, 211, 203
RGB Percent	100%, 83%, 80%
CMY	0.0035, 0.1720, 0.2033
CMYK	0.00, 0.17, 0.20, 0.00
HSL	9°, 97%, 90%
HSV	9°, 20%, 100%
XYZ	75.0349, 72.0653, 66.5459
YIQ	222.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

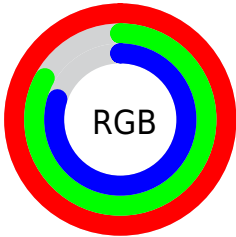
Format	Color
RYB	254, 212, 203
Decimal	16700363
CIELab	88.00, 13.83, 9.58
CIELCh	88, 16.829, 34.713
Yxy	72.0653, 0.3512, 0.3373
Android (android.graphics.Color)	4294890443 (0xFF FED3CB)
YUV	222.9450, -9.8329, 27.2352
Hunter-Lab	84.8913, 9.2154, 12.9467

Details

The CIELCh color **88, 16.829, 34.713** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 14.674, 214.952**, 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, 17.046, 33.743** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.311, 35.031**, and if you desaturate by 10%, it is **94, 8.088, 34.545**.

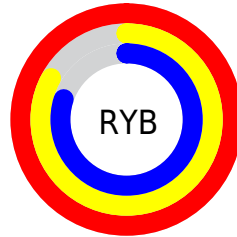
Distribution



Red (100%)

Green (83%)

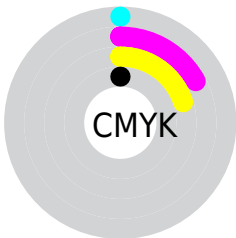
Blue (80%)



Red (100%)

Yellow (83%)

Blue (80%)

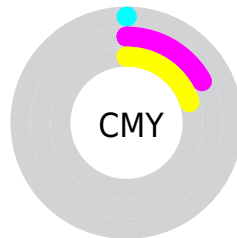


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.829, 34.713 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, 16.829, 34.713 by changing the saturation by 10% instead.

 88, 16.829, 34.713

 88, 16.829, 34.713

 100, 16.829,
34.713

 78, 16.829, 34.713

 68, 16.829, 34.713

 58, 16.829, 34.713

 48, 16.829, 34.713

 38, 16.829, 34.713

 28, 16.829, 34.713

 18, 16.829, 34.713

 8, 16.829, 34.713

 0, 16.829, 34.713

88, 16.829, 34.713

88, 16.829, 34.713

82, 26.311, 35.031

94, 8.088, 34.545

77, 36.563, 35.537

100, 0.041, 18.175

72, 47.560, 36.295

100, 0.312,
201.509

67, 59.197, 37.348

63, 71.229, 38.698

59, 83.130, 40.224

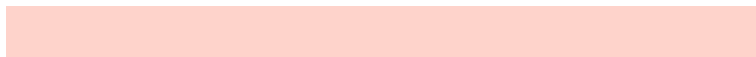
57, 93.731, 41.504

55, 101.186,
41.942

Harmonies

Complementary

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



88, 16.829, 34.713



94, 14.674, 214.952

Rectangle

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



88, 16.829, 34.713



88, 16.829, 84.713



88, 16.829, 214.713



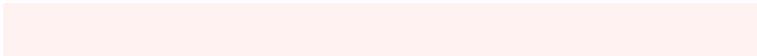
88, 16.829, 264.713

Sweetspot

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



88, 16.828, 34.722



96, 4.760, 34.469



87, 28.854, 330.056



51, 3.166, 34.485



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, 16.828, 34.722



86, 20.539, 34.824



94, 18.268, 87.176



50, 4.577, 34.536



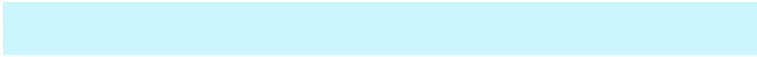
41, 81.323, 42.273



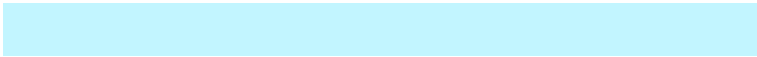
11, 30.608, 34.882

Inverse Universe

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



94, 14.674, 214.952



94, 17.379, 215.071



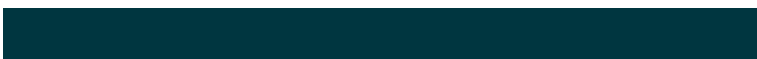
88, 18.114, 272.691



52, 4.304, 214.778



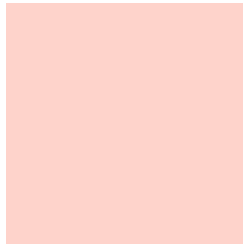
61, 35.075, 226.245



20, 16.197, 222.172

Previews

White Background



This preview shows how the CIELCh color 88, 16.829, 34.713 looks on a white background.

Color Contrast Check

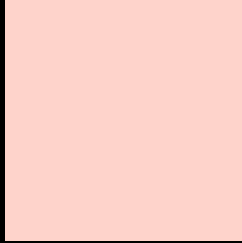
Large Text (above 18pt) WCAG AA × Fail

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, 16.829, 34.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

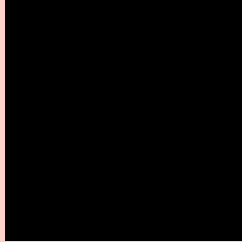
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

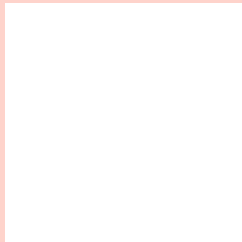
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 16.829, 34.713

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.829, 34.713.

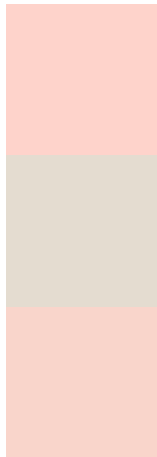


This preview shows how white text looks on a background with the CIELCh color 88, 16.829, 34.713.

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, 16.847, 34.715

Protanopia

88, 6.886, 84.261

Deuteranopia

88, 14.592, 41.042



Tritanopia
88, 18.508, 355.975

Trichromacy



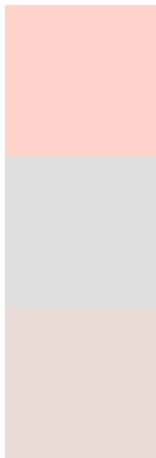
Original Color
88, 16.847, 34.715

Protanomaly
88, 9.398, 57.171

Deuteranomaly
88, 15.508, 37.844

Tritanomaly
88, 16.944, 10.120

Monochromacy



Original Color
88, 16.847, 34.715

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.693, 35.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.829, 34.713 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(254, 211, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 203)  
}
```

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(254, 211, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.829, 34.713 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(254, 211, 203) }
```

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

```
.border{ border-color:rgb(254, 211, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.829, 34.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 203) }
```

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

```
.background{ background-color: rgb(254,  
211, 203) }
```

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](#).

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