

Converting Colors

CIELCh(100, 59.421, 27.457)

Have a look what the booklet for
CIELCh(100, 59.421, 27.457)
contains.

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Color

CIELCh(88, 16.675, 33.031)

Conversions

Conversions Part 1

Format	Color
Hex	FED3CC
RGB	254, 211, 204
RGB Percent	100%, 83%, 80%
CMY	0.0038, 0.1722, 0.1997
CMYK	0.00, 0.17, 0.20, 0.00
HSL	8°, 96%, 90%
HSV	8°, 20%, 100%
XYZ	75.1061, 72.0653, 67.1288
YIQ	223.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

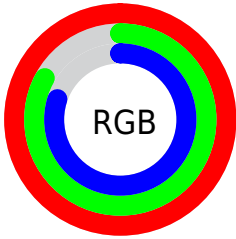
Format	Color
R _Y B	254, 212, 204
Decimal	16700364
CIE Lab	88.00, 13.98, 9.09
CIE LCh	88, 16.675, 33.031
Yxy	72.0653, 0.3505, 0.3363
Android (android.graphics.Color)	4294890444 (0xFF FED3CC)
YUV	223.0590, -9.3961, 27.1353
Hunter-Lab	84.8913, 9.3652, 12.5396

Details

The CIELCh color **88, 16.675, 33.031** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 14.573, 212.944**, 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, 16.886, 31.991** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.239, 33.436**, and if you desaturate by 10%, it is **94, 7.856, 32.782**.

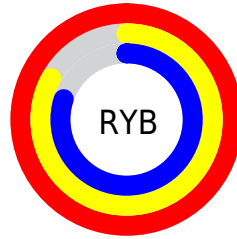
Distribution



Red (100%)

Green (83%)

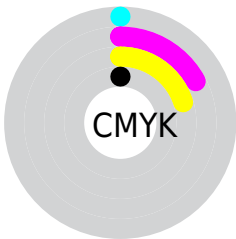
Blue (80%)



Red (100%)

Yellow (83%)

Blue (80%)

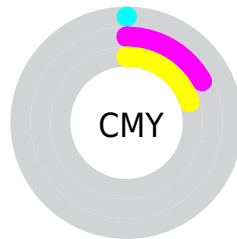


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.675, 33.031 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, 16.675, 33.031 by changing the saturation by 10% instead.

 88, 16.675, 33.031

 88, 16.675, 33.031

 100, 16.675,
33.031

 78, 16.675, 33.031

 68, 16.675, 33.031

 58, 16.675, 33.031

 48, 16.675, 33.031

 38, 16.675, 33.031

 28, 16.675, 33.031

 18, 16.675, 33.031

 8, 16.675, 33.031

 0, 16.675, 33.031

88, 16.675, 33.031

88, 16.675, 33.031

82, 26.239, 33.436

94, 7.856, 32.782

77, 36.575, 34.041

100, 0.264,
215.288

72, 47.649, 34.913

100, 0.336,
201.359

67, 59.349, 36.104

63, 71.424, 37.622

59, 83.358, 39.356

56, 94.006, 40.890

54, 101.480,
41.559

54, 101.699,
41.590

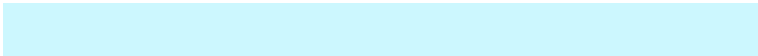
Harmonies

Complementary

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



88, 16.675, 33.031



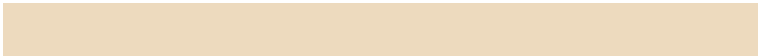
95, 14.573, 212.944

Rectangle

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



88, 16.675, 33.031



88, 16.675, 83.031



88, 16.675, 213.031



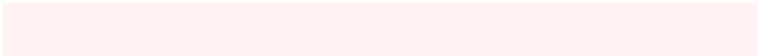
88, 16.675, 263.031

Sweetspot

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



88, 16.673, 33.040



96, 4.818, 32.683



88, 28.615, 329.479



51, 3.205, 32.704



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, 16.673, 33.040



86, 20.792, 33.190



94, 17.639, 85.811



50, 4.633, 32.778



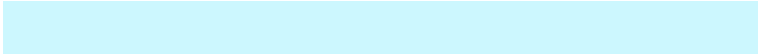
41, 81.780, 41.891



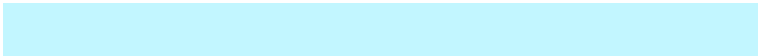
11, 30.855, 34.050

Inverse Universe

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



95, 14.573, 212.944



94, 17.580, 213.031



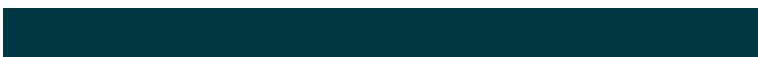
88, 17.420, 271.244



52, 4.355, 212.871



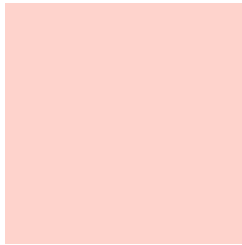
62, 35.185, 222.601



20, 16.295, 219.027

Previews

White Background



This preview shows how the CIELCh color 88, 16.675, 33.031 looks on a white background.

Color Contrast Check

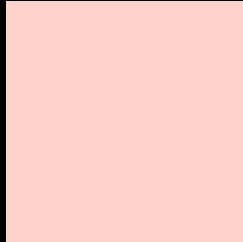
Large Text (above 18pt) WCAG AA × Fail

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, 16.675, 33.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

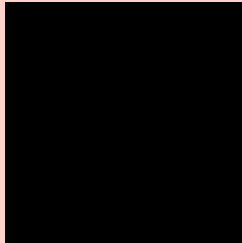
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.675, 33.031

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.675, 33.031.

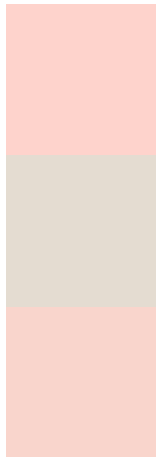


This preview shows how white text looks on a background with the CIELCh color 88, 16.675, 33.031.

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, 16.693, 33.033

Protanopia

88, 6.417, 82.350

Deuteranopia

88, 14.388, 39.167



Tritanopia
88, 18.508, 355.975

Trichromacy



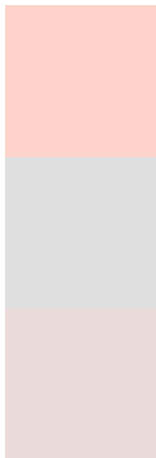
Original Color
88, 16.693, 33.033

Protanomaly
88, 9.078, 54.642

Deuteranomaly
88, 15.329, 36.045

Tritanomaly
88, 17.017, 8.397

Monochromacy



Original Color
88, 16.693, 33.033

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, 16.675, 33.031 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.675, 33.031 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, 204) }
```

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

```
.border{ border-color:rgb(254, 211, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.675, 33.031 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, 204) }
```

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

```
.background{ background-color: rgb(254,  
211, 204) }
```

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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