

Converting Colors

CIELCh(88, 16.972, 45.600)

Have a look what the booklet for
CIELCh(88, 16.972, 45.600) contains.

CIELCh(88, 16.978, 45.592)	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, 16.978, 45.592)

Conversions

Conversions Part 1

Format	Color
Hex	FCD4C6
RGB	252, 212, 198
RGB Percent	99%, 83%, 78%
CMY	0.0106, 0.1675, 0.2224
CMYK	0.00, 0.16, 0.21, 0.01
HSL	16°, 91%, 88%
HSV	16°, 21%, 99%
XYZ	74.0875, 72.0653, 63.5969
YIQ	222.3640, 28.3340, 4.1260

Conversions

Conversions Part 2

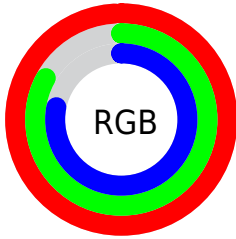
Format	Color
R_{YB}	252, 217, 198
Decimal	16569542
CIE _{Lab}	88.00, 11.88, 12.13
CIE _{LCh}	88, 16.978, 45.592
Yxy	72.0653, 0.3532, 0.3436
Android (android.graphics.Color)	4294759622 (0xFFFC4C6)
YUV	222.3640, -12.0115, 25.9908
Hunter-Lab	84.8913, 7.2233, 15.0063

Details

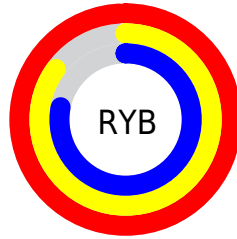
The CIELCh color **88, 16.978, 45.592** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.840, 228.070**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 17.157, 44.990** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.948, 45.335**, and if you desaturate by 10%, it is **93, 8.690, 45.951**.

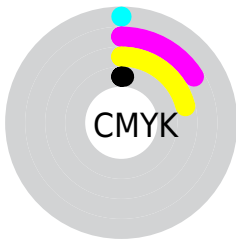
Distribution



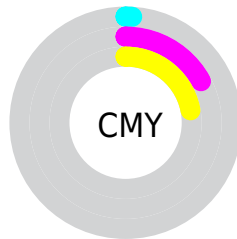
- Red (99%)
- Green (83%)
- Blue (78%)



- Red (99%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.978, 45.592 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, 16.978, 45.592 by changing the saturation by 10% instead.

 88, 16.978, 45.592

 88, 16.978, 45.592

 100, 16.978,
45.592

 78, 16.978, 45.592

 68, 16.978, 45.592

 58, 16.978, 45.592

 48, 16.978, 45.592

 38, 16.978, 45.592

 28, 16.978, 45.592

 18, 16.978, 45.592

 8, 16.978, 45.592

 0, 16.978, 45.592

88, 16.978, 45.592

88, 16.978, 45.592

83, 25.948, 45.335

93, 8.690, 45.951

78, 35.640, 45.194

98, 1.029, 45.879

74, 46.056, 45.208

100, 0.942,
200.049

69, 57.119, 45.389

65, 68.606, 45.698

62, 79.972, 45.983

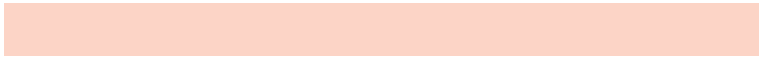
59, 90.010, 45.830

57, 96.451, 45.059

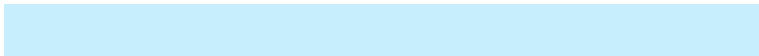
Harmonies

Complementary

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



88, 16.978, 45.592



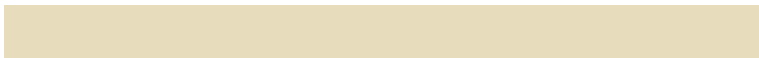
92, 14.840, 228.070

Rectangle

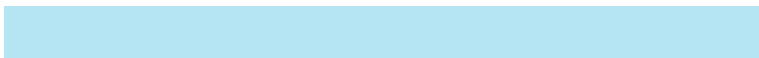
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 16.978, 45.592



88, 16.978, 95.592



88, 16.978, 225.592



88, 16.978, 275.592

Sweetspot

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



88, 16.977, 45.602



97, 4.511, 46.125



86, 28.571, 333.772



51, 3.000, 46.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

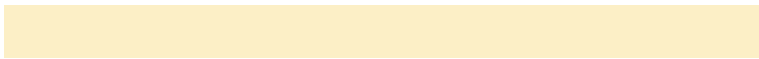
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.977, 45.602



87, 21.191, 45.465



95, 21.336, 94.624



49, 4.263, 46.020



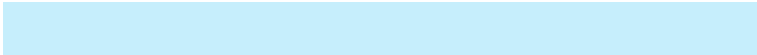
43, 77.040, 45.578



12, 27.876, 40.337

Inverse Universe

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



92, 14.840, 228.070



91, 17.927, 228.513



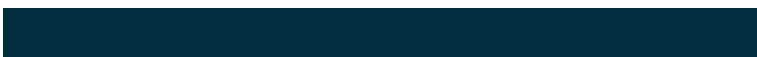
85, 21.648, 280.195



50, 4.033, 227.188



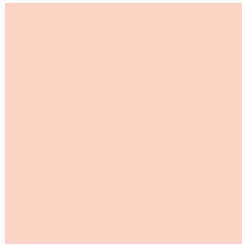
54, 36.898, 248.243



17, 16.140, 241.404

Previews

White Background



This preview shows how the CIELCh color 88, 16.978, 45.592 looks on a white background.

Color Contrast Check

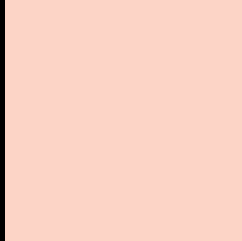
Large Text (above 18pt) WCAG AA × Fail

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, 16.978, 45.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

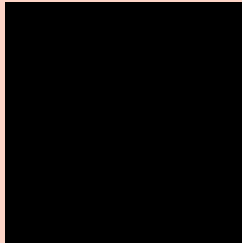
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.978, 45.592

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.978, 45.592.

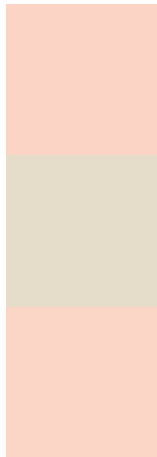


This preview shows how white text looks on a background with the CIELCh color 88, 16.978, 45.592.

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, 16.978, 45.592

Protanopia

88, 9.930, 89.625

Deuteranopia

88, 16.523, 48.274



Tritanopia
88, 18.708, 354.511

Trichromacy



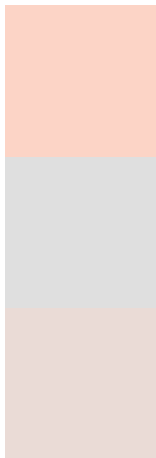
Original Color
88, 16.978, 45.592

Protanomaly
88, 11.225, 67.407

Deuteranomaly
88, 16.523, 48.274

Tritanomaly
88, 16.512, 11.623

Monochromacy



Original Color
88, 16.978, 45.592

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.074, 44.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.978, 45.592 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, 212, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 212, 198)  
}
```

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, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 212, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.978, 45.592 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, 212, 198) }
```

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

```
.border{ border-color:rgb(252, 212, 198) }
```

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

Here you see how a box with a 4 pixel rgb(252, 212, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 212,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.978, 45.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 212, 198) }
```

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

```
.background{ background-color: rgb(252,  
212, 198) }
```

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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