

Converting Colors

CIELCh(88, 15.971, 45.147)

Have a look what the booklet for
CIELCh(88, 15.971, 45.147) contains.

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Color

CIELCh(88, 16.001, 45.141)

Conversions

Conversions Part 1

Format	Color
Hex	FBD5C8
RGB	251, 213, 200
RGB Percent	98%, 84%, 78%
CMY	0.0168, 0.1658, 0.2167
CMYK	0.00, 0.15, 0.20, 0.02
HSL	15°, 86%, 88%
HSV	15°, 20%, 98%
XYZ	73.8009, 72.0653, 64.4987
YIQ	222.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

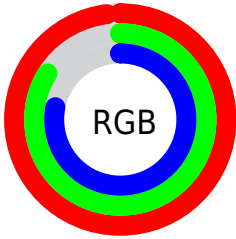
Format	Color
RYB	251, 217, 200
Decimal	16504264
CIELab	88.00, 11.29, 11.34
CIELCh	88, 16.001, 45.141
Yxy	72.0653, 0.3508, 0.3426
Android (android.graphics.Color)	4294694344 (0xFFFB5C8)
YUV	222.8800, -11.2798, 24.6612
Hunter-Lab	84.8913, 6.6207, 14.3766

Details

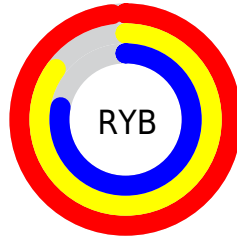
The CIELCh color **88, 16.001, 45.141** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.080, 227.402**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 16.103, 44.491** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.868, 44.898**, and if you desaturate by 10%, it is **93, 7.810, 45.482**.

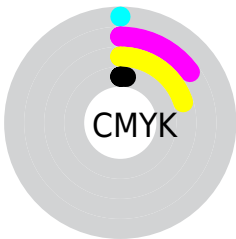
Distribution



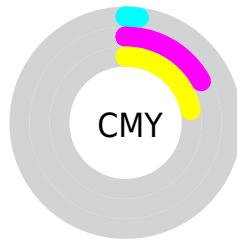
- Red (98%)
- Green (84%)
- Blue (78%)



- Red (98%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.001, 45.141 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, 16.001, 45.141 by changing the saturation by 10% instead.

 88, 16.001, 45.141

 88, 16.001, 45.141

 100, 16.001,
45.141

 78, 16.001, 45.141

 68, 16.001, 45.141

 58, 16.001, 45.141

 48, 16.001, 45.141

 38, 16.001, 45.141

 28, 16.001, 45.141

 18, 16.001, 45.141

 8, 16.001, 45.141

 0, 16.001, 45.141

88, 16.001, 45.141

88, 16.001, 45.141

83, 24.868, 44.898

93, 7.810, 45.482

78, 34.454, 44.769

98, 0.241, 43.421

74, 44.764, 44.798

100, 1.487,
199.756

69, 55.734, 44.997

65, 67.162, 45.340

62, 78.555, 45.690

59, 88.800, 45.670

56, 96.187, 44.900

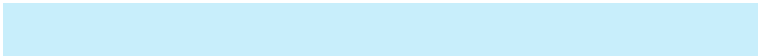
Harmonies

Complementary

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



88, 16.001, 45.141



92, 14.080, 227.402

Rectangle

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



88, 16.001, 45.141



88, 16.001, 95.141



88, 16.001, 225.141



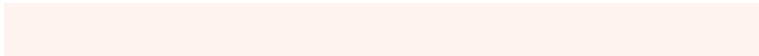
88, 16.001, 275.141

Sweetspot

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



88, 16.000, 45.151



97, 4.517, 45.608



86, 26.992, 333.695



51, 3.004, 45.594



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, 16.000, 45.151



87, 19.435, 45.046



94, 20.151, 94.759



49, 4.270, 45.510



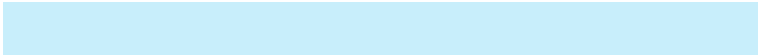
43, 77.206, 45.403



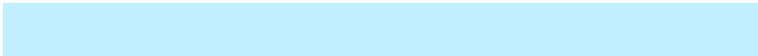
12, 27.937, 40.036

Inverse Universe

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



92, 14.080, 227.402



92, 16.663, 227.731



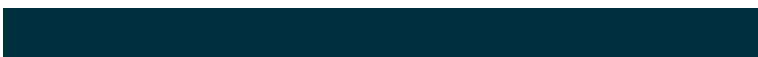
85, 20.430, 280.022



50, 4.038, 226.640



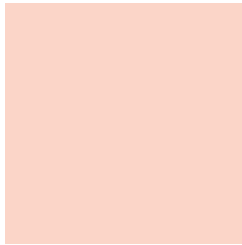
55, 36.707, 247.353



17, 16.090, 240.590

Previews

White Background



This preview shows how the CIELCh color 88, 16.001, 45.141 looks on a white background.

Color Contrast Check

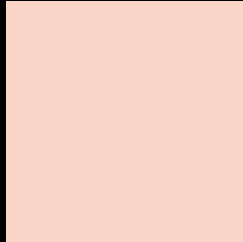
Large Text (above 18pt) WCAG AA × Fail

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, 16.001, 45.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

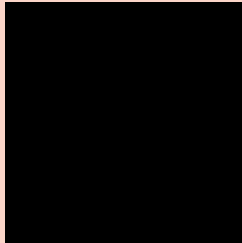
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.001, 45.141

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.001, 45.141.

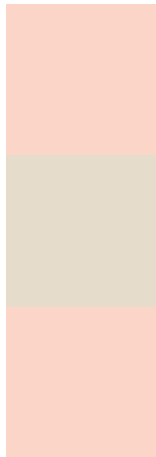


This preview shows how white text looks on a background with the CIELCh color 88, 16.001, 45.141.

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, 16.001, 45.141

Protanopia

88, 8.953, 87.525

Deuteranopia

88, 15.648, 45.722



Tritanopia
88, 18.379, 353.961

Trichromacy



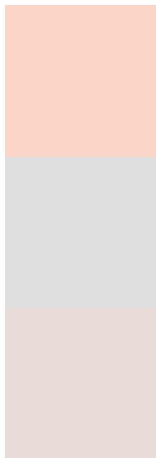
Original Color
88, 16.001, 45.141

Protanomaly
88, 10.834, 65.647

Deuteranomaly
88, 15.648, 45.722

Tritanomaly
88, 16.201, 9.562

Monochromacy



Original Color
88, 16.001, 45.141

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 5.517, 41.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.001, 45.141 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(251, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 200)  
}
```

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(251, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.001, 45.141 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(251, 213, 200) }
```

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

```
.border{ border-color:rgb(251, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.001, 45.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 200) }
```

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

```
.background{ background-color: rgb(251,  
213, 200) }
```

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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