

Converting Colors

CIELCh(88, 15.778, 31.218)

Have a look what the booklet for
CIELCh(88, 15.778, 31.218) contains.

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Color

CIELCh(88, 16.049, 29.772)

Conversions

Conversions Part 1

Format	Color
Hex	FDD3CE
RGB	253, 211, 206
RGB Percent	99%, 83%, 81%
CMY	0.0071, 0.1718, 0.1914
CMYK	0.00, 0.17, 0.19, 0.01
HSL	6°, 93%, 90%
HSV	6°, 19%, 99%
XYZ	75.0821, 72.0653, 68.4630
YIQ	222.9880, 26.6370, 7.3490

Conversions

Conversions Part 2

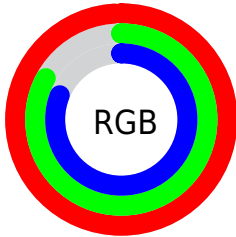
Format	Color
R_{YB}	253, 212, 206
Decimal	16634830
CIE _{Lab}	88.00, 13.93, 7.97
CIE _{LCh}	88, 16.049, 29.772
Yxy	72.0653, 0.3482, 0.3342
Android (android.graphics.Color)	4294824910 (0xFFFDD3CE)
YUV	222.9880, -8.3751, 26.3205
Hunter-Lab	84.8913, 9.3147, 11.6078

Details

The CIELCh color **88, 16.049, 29.772** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 14.136, 209.117**, 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, 16.207, 28.546** is the 20% darker color. If you saturate the color by 10%, you get **82, 25.746, 30.337**, and if you desaturate by 10%, it is **94, 7.100, 29.371**.

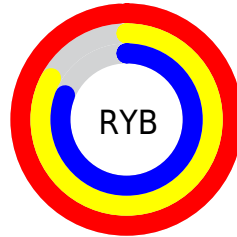
Distribution



Red (99%)

Green (83%)

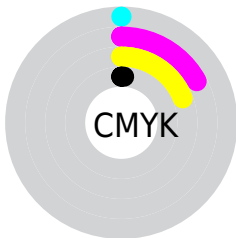
Blue (81%)



Red (99%)

Yellow (83%)

Blue (81%)

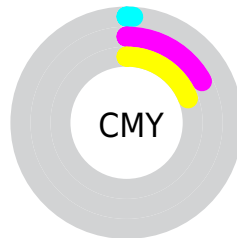


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.049, 29.772 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, 16.049, 29.772 by changing the saturation by 10% instead.

88, 16.049, 29.772

88, 16.049, 29.772

100, 16.049,
29.772

78, 16.049, 29.772

68, 16.049, 29.772

58, 16.049, 29.772

48, 16.049, 29.772

38, 16.049, 29.772

28, 16.049, 29.772

18, 16.049, 29.772

8, 16.049, 29.772

0, 16.049, 29.772

88, 16.049, 29.772

88, 16.049, 29.772

82, 25.746, 30.337

94, 7.100, 29.371

76, 36.210, 31.120

100, 0.627,
200.422

71, 47.396, 32.202

66, 59.173, 33.645

62, 71.282, 35.480

58, 83.228, 37.620

56, 93.957, 39.674

54, 101.470,
40.833

54, 102.347,
41.010

Harmonies

Complementary

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



88, 16.049, 29.772



95, 14.136, 209.117

Rectangle

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



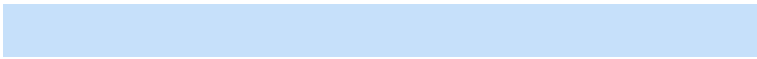
88, 16.049, 29.772



88, 16.049, 79.772



88, 16.049, 209.772



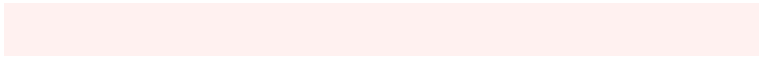
88, 16.049, 259.772

Sweetspot

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



88, 16.047, 29.781



96, 4.949, 29.261



88, 27.568, 328.349



51, 3.292, 29.291



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, 16.047, 29.781



86, 19.404, 29.951



94, 16.120, 82.992



50, 4.758, 29.407



41, 82.574, 41.250



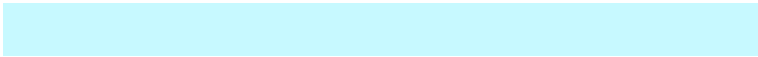
11, 31.381, 32.395

Inverse Universe

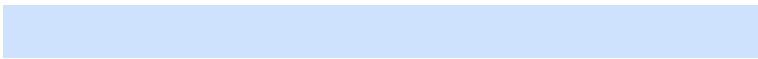
The Inverse Universe completely reimagines the original color for something new.



95, 14.136, 209.117



95, 16.655, 209.114



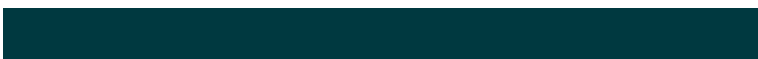
89, 15.799, 268.141



52, 4.472, 209.213



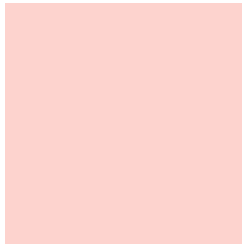
64, 35.775, 215.558



21, 16.618, 212.976

Previews

White Background



This preview shows how the CIELCh color 88, 16.049, 29.772 looks on a white background.

Color Contrast Check

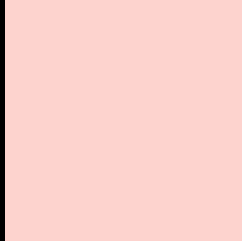
Large Text (above 18pt) WCAG AA × Fail

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, 16.049, 29.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

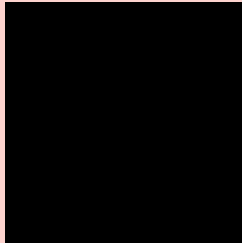
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

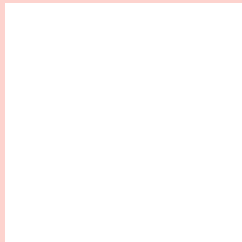
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 16.049, 29.772

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.049, 29.772.

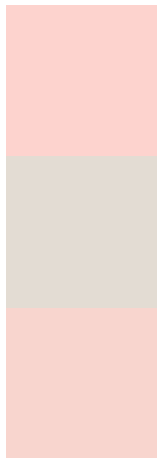


This preview shows how white text looks on a background with the CIELCh color 88, 16.049, 29.772.

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, 16.049, 29.772

Protanopia

88, 5.320, 80.917

Deuteranopia

88, 13.658, 35.654



Tritanopia
88, 18.708, 354.511

Trichromacy



Original Color
88, 16.049, 29.772

Protanomaly
88, 8.500, 49.033

Deuteranomaly
88, 14.644, 32.611

Tritanomaly
88, 16.743, 6.343

Monochromacy



Original Color
88, 16.049, 29.772

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.566, 30.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.049, 29.772 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(253, 211, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 206)  
}
```

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(253, 211, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.049, 29.772 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(253, 211, 206) }
```

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

```
.border{ border-color:rgb(253, 211, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.049, 29.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 206) }
```

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

```
.background{ background-color: rgb(253,  
211, 206) }
```

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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