

Converting Colors

CIELCh(88, 16.167, 19.217)

Have a look what the booklet for
CIELCh(88, 16.167, 19.217) contains.

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Color

CIELCh(88, 16.438, 18.805)

Conversions

Conversions Part 1

Format	Color
Hex	FED2D3
RGB	254, 210, 211
RGB Percent	100%, 82%, 83%
CMY	0.0028, 0.1754, 0.1715
CMYK	0.00, 0.17, 0.17, 0.00
HSL	359°, 97%, 91%
HSV	359°, 17%, 100%
XYZ	75.8792, 72.0653, 71.7141
YIQ	223.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

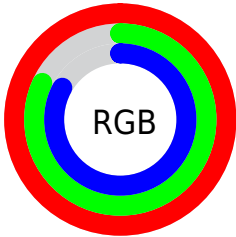
Format	Color
RYB	254, 210, 211
Decimal	16700115
CIELab	88.00, 15.56, 5.30
CIELCh	88, 16.438, 18.805
Yxy	72.0653, 0.3454, 0.3281
Android (android.graphics.Color)	4294890195 (0xFF FED2D3)
YUV	223.2700, -6.0491, 26.9502
Hunter-Lab	84.8913, 10.9908, 9.3371

Details

The CIELCh color **88, 16.438, 18.805** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.740, 196.529**, 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, 16.672, 17.221** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.919, 19.891**, and if you desaturate by 10%, it is **95, 6.678, 17.925**.

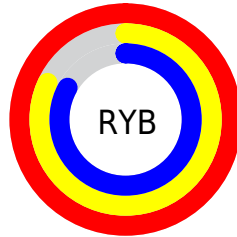
Distribution



Red (100%)

Green (82%)

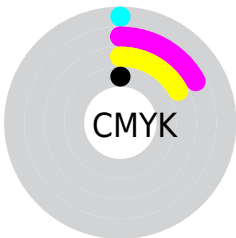
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

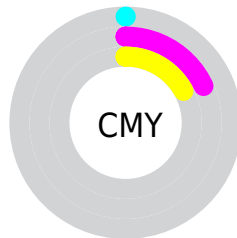


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.438, 18.805 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, 16.438, 18.805 by changing the saturation by 10% instead.

 88, 16.438, 18.805

 88, 16.438, 18.805

 100, 16.438,
18.805

 78, 16.438, 18.805

 68, 16.438, 18.805

 58, 16.438, 18.805

 48, 16.438, 18.805

 38, 16.438, 18.805

 28, 16.438, 18.805

 18, 16.438, 18.805

 8, 16.438, 18.805

 0, 16.438, 18.805

88, 16.438, 18.805

88, 16.438, 18.805

81, 26.919, 19.891

95, 6.678, 17.925

75, 38.077, 21.272

100, 0.250,
202.043

69, 49.771, 23.063

64, 61.746, 25.385

60, 73.636, 28.337

57, 84.968, 31.906

54, 95.010, 35.748

53, 102.166,
38.863

53, 103.464,
39.378

Harmonies

Complementary

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



88, 16.438, 18.805



97, 14.740, 196.529

Rectangle

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



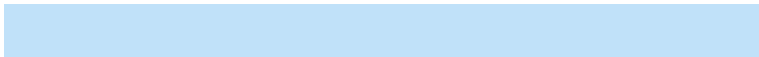
88, 16.438, 18.805



88, 16.438, 68.805



88, 16.438, 198.805



88, 16.438, 248.805

Sweetspot

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



88, 16.436, 18.813



97, 4.540, 17.713



89, 27.326, 324.459



51, 3.106, 17.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

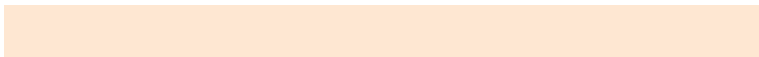
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.436, 18.813



86, 20.271, 19.182



93, 13.756, 69.638



49, 5.253, 18.114



40, 83.220, 39.117



10, 33.180, 26.275

Inverse Universe

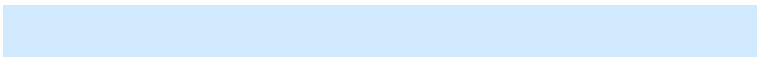
The Inverse Universe completely reimagines the original color for something new.



88, 16.436, 18.813



86, 20.271, 19.182



92, 13.020, 254.123



49, 5.253, 18.114



40, 83.220, 39.117



10, 33.180, 26.275

Previews

White Background



This preview shows how the CIELCh color 88, 16.438, 18.805 looks on a white background.

Color Contrast Check

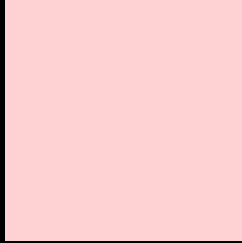
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 16.438, 18.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

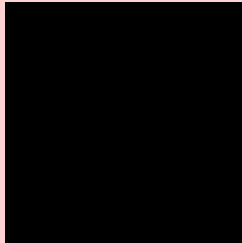
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

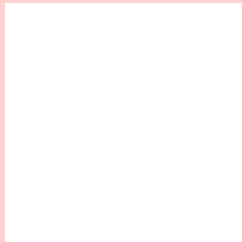
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 16.438, 18.805

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.438, 18.805.

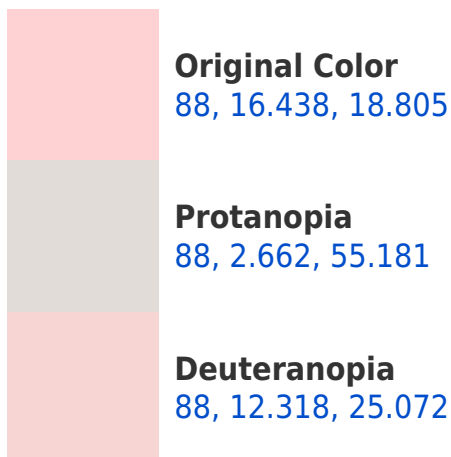


This preview shows how white text looks on a background with the CIELCh color 88, 16.438, 18.805.

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





Tritanopia
88, 18.508, 355.975

Trichromacy



Original Color
88, 16.438, 18.805

Protanomaly
88, 7.352, 23.903

Deuteranomaly
88, 13.795, 22.527

Tritanomaly
88, 17.707, 3.746

Monochromacy



Original Color
88, 16.438, 18.805

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.825, 19.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.438, 18.805 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, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 211)  
}
```

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, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.438, 18.805 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, 210, 211) }
```

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

```
.border{ border-color:rgb(254, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.438, 18.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 211) }
```

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

```
.background{ background-color: rgb(254,  
210, 211) }
```

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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