

Converting Colors

CIELCh(89, 18.076, 21.313)

Have a look what the booklet for
CIELCh(89, 18.076, 21.313) contains.

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Color

CIELCh(88, 16.046, 20.560)

Conversions

Conversions Part 1

Format	Color
Hex	FED3D3
RGB	254, 211, 211
RGB Percent	100%, 83%, 83%
CMY	0.0057, 0.1741, 0.1741
CMYK	0.00, 0.17, 0.17, 0.01
HSL	0°, 94%, 91%
HSV	0°, 17%, 99%
XYZ	75.6162, 72.0653, 71.2990
YIQ	223.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

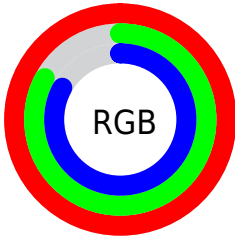
Format	Color
RYB	254, 211, 211
Decimal	16700371
CIELab	88.00, 15.02, 5.64
CIELCh	88, 16.046, 20.560
Yxy	72.0653, 0.3453, 0.3291
Android (android.graphics.Color)	4294890451 (0xFF FED3D3)
YUV	223.8570, -6.3385, 26.4354
Hunter-Lab	84.8913, 10.4377, 9.6270

Details

The CIELCh color **88, 16.046, 20.560** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.358, 198.547**, 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, 16.260, 18.990** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.534, 21.583**, and if you desaturate by 10%, it is **95, 6.313, 19.738**.

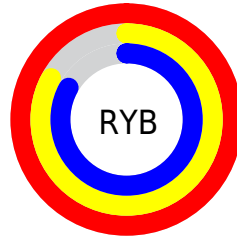
Distribution



Red (100%)

Green (83%)

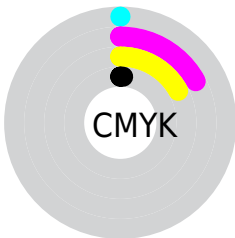
Blue (83%)



Red (100%)

Yellow (83%)

Blue (83%)

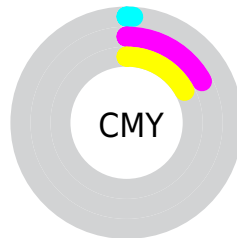


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.046, 20.560 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, 16.046, 20.560 by changing the saturation by 10% instead.

 88, 16.046, 20.560

 88, 16.046, 20.560

 100, 16.046,
20.560

 78, 16.046, 20.560

 68, 16.046, 20.560

 58, 16.046, 20.560

 48, 16.046, 20.560

 38, 16.046, 20.560

 28, 16.046, 20.560

 18, 16.046, 20.560

 8, 16.046, 20.560

 0, 16.046, 20.560

88, 16.046, 20.560

88, 16.046, 20.560

81, 26.534, 21.583

95, 6.313, 19.738

75, 37.745, 22.898

100, 0.503,
200.691

69, 49.553, 24.620

64, 61.716, 26.864

60, 73.867, 29.720

56, 85.494, 33.145

54, 95.707, 36.730

53, 102.573,
39.383

53, 104.125,
40.000

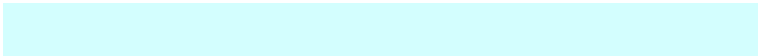
Harmonies

Complementary

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



88, 16.046, 20.560



97, 14.358, 198.547

Rectangle

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



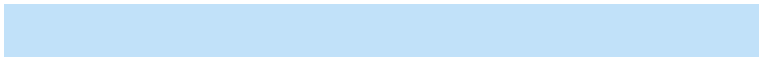
88, 16.046, 20.560



88, 16.046, 70.560



88, 16.046, 200.560



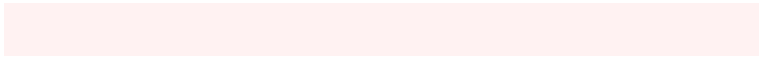
88, 16.046, 250.560

Sweetspot

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



88, 16.044, 20.568



97, 4.538, 19.569



89, 26.939, 325.367



51, 3.105, 19.633



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

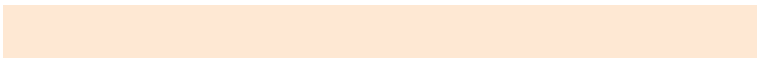
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.044, 20.568



86, 19.269, 20.854



93, 13.656, 73.292



49, 5.254, 19.946



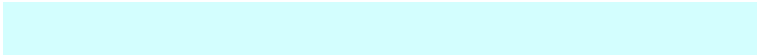
40, 84.229, 40.000



10, 33.367, 27.178

Inverse Universe

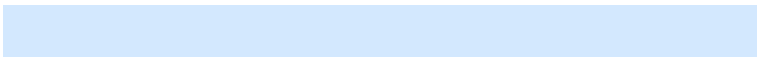
The Inverse Universe completely reimagines the original color for something new.



97, 14.358, 198.547



97, 16.872, 198.389



91, 13.066, 257.830



52, 4.945, 198.965



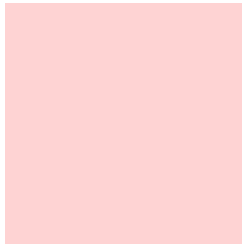
70, 40.363, 196.391



24, 18.569, 196.390

Previews

White Background



This preview shows how the CIELCh color 88, 16.046, 20.560 looks on a white background.

Color Contrast Check

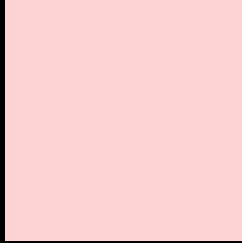
Large Text (above 18pt) WCAG AA × Fail

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, 16.046, 20.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

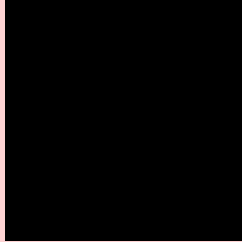
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.046, 20.560

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.046, 20.560.

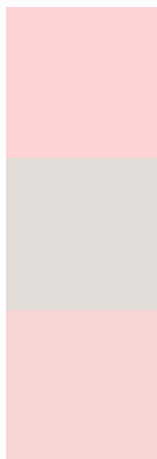


This preview shows how white text looks on a background with the CIELCh color 88, 16.046, 20.560.

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, 16.062, 20.566

Protanopia

88, 2.995, 63.284

Deuteranopia

88, 12.396, 27.443



Tritanopia
88, 18.708, 354.511

Trichromacy



Original Color
88, 16.062, 20.566

Protanomaly
88, 7.148, 32.391

Deuteranomaly
88, 13.850, 24.657

Tritanomaly
88, 16.977, 2.926

Monochromacy



Original Color
88, 16.062, 20.566

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 5.830, 19.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.046, 20.560 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 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, 211, 211) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 88, 16.046, 20.560 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, 211) }
```

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

```
.border{ border-color:rgb(254, 211, 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, 211, 211)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 88, 16.046, 20.560 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, 211) }
```

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

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