

Converting Colors

CIELCh(88, 20.131, 40.677)

Have a look what the booklet for
CIELCh(88, 20.131, 40.677) contains.

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Color

CIELCh(88, 18.583, 41.722)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3C6
RGB	255, 211, 198
RGB Percent	100%, 83%, 78%
CMY	0.0000, 0.1728, 0.2239
CMYK	0.00, 0.17, 0.22, 0.00
HSL	14°, 100%, 89%
HSV	14°, 22%, 100%
XYZ	75.0526, 72.0653, 63.3250
YIQ	222.6740, 30.3970, 5.2850

Conversions

Conversions Part 2

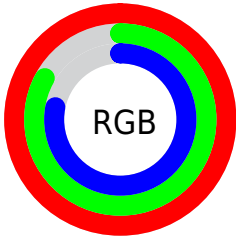
Format	Color
R _Y B	255, 215, 198
Decimal	16765894
CIE Lab	88.00, 13.87, 12.37
CIE LCh	88, 18.583, 41.722
Yxy	72.0653, 0.3566, 0.3424
Android (android.graphics.Color)	4294955974 (0xFFFFD3C6)
YUV	222.6740, -12.1643, 28.3499
Hunter-Lab	84.8913, 9.2526, 15.1963

Details

The CIELCh color **88, 18.583, 41.722** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 15.733, 224.017**, 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, 18.480, 41.487** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.498, 42.071**, and if you desaturate by 10%, it is **93, 9.678, 42.320**.

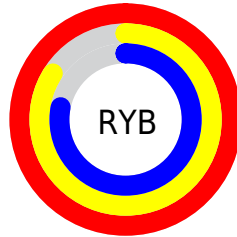
Distribution



Red (100%)

Green (83%)

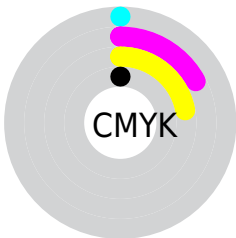
Blue (78%)



Red (100%)

Yellow (84%)

Blue (78%)

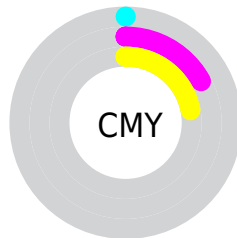


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.583, 41.722 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, 18.583, 41.722 by changing the saturation by 10% instead.

 88, 18.583, 41.722

 88, 18.583, 41.722

 100, 18.583,
41.722

 78, 18.583, 41.722

 68, 18.583, 41.722

 58, 18.583, 41.722

 48, 18.583, 41.722

 38, 18.583, 41.722

 28, 18.583, 41.722

 18, 18.583, 41.722

 8, 18.583, 41.722

 0, 18.583, 41.722

88, 18.583, 41.722

88, 18.583, 41.722

83, 27.498, 42.071

93, 9.678, 42.320

78, 37.518, 42.153

99, 1.790, 42.332

73, 48.278, 42.424

100, 0.012,
296.813

69, 59.683, 42.898

64, 71.476, 43.538

61, 83.052, 44.173

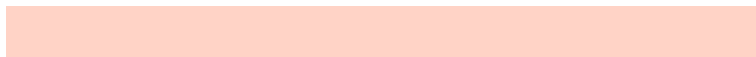
58, 93.065, 44.333

56, 98.697, 43.907

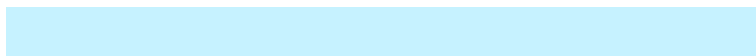
Harmonies

Complementary

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



88, 18.583, 41.722



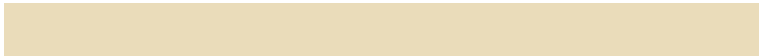
93, 15.733, 224.017

Rectangle

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



88, 18.583, 41.722



88, 18.583, 91.722



88, 18.583, 221.722



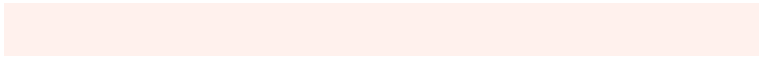
88, 18.583, 271.722

Sweetspot

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



88, 18.229, 42.142



96, 5.349, 42.420



86, 30.852, 332.570



51, 3.484, 42.412



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, 18.229, 42.142



85, 22.412, 42.093



95, 21.806, 92.119



50, 4.389, 42.378



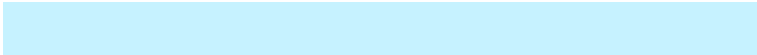
43, 79.017, 44.364



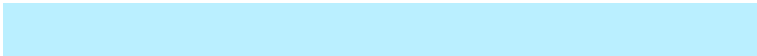
12, 29.569, 38.846

Inverse Universe

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



93, 15.733, 224.017



91, 18.689, 224.385



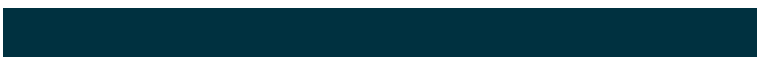
86, 21.975, 278.116



52, 4.142, 223.267



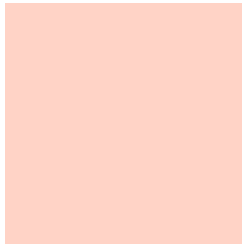
57, 36.079, 241.733



18, 16.289, 235.800

Previews

White Background



This preview shows how the CIELCh color 88, 18.583, 41.722 looks on a white background.

Color Contrast Check

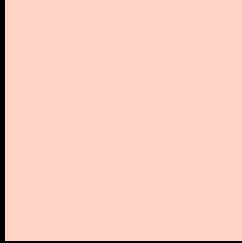
Large Text (above 18pt) WCAG AA × Fail

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, 18.583, 41.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

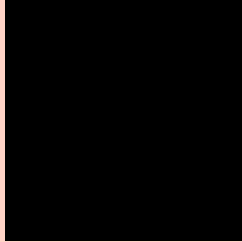
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.583, 41.722

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.583, 41.722.

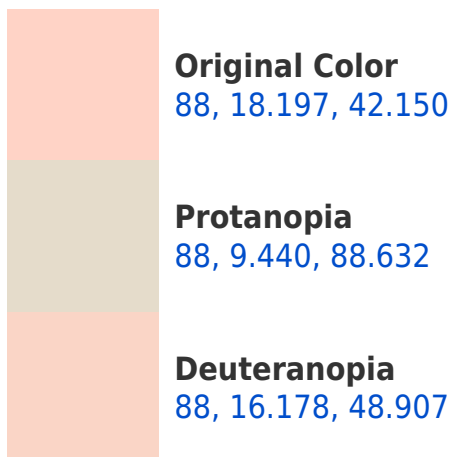


This preview shows how white text looks on a background with the CIELCh color 88, 18.583, 41.722.

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, 18.860, 356.495

Trichromacy



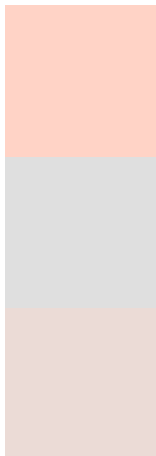
Original Color
88, 18.197, 42.150

Protanomaly
88, 11.486, 66.005

Deuteranomaly
88, 16.978, 45.592

Tritanomaly
88, 17.277, 12.091

Monochromacy



Original Color
88, 18.197, 42.150

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.412, 43.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.583, 41.722 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(255, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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(255, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.583, 41.722 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(255, 211, 198) }
```

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

```
.border{ border-color:rgb(255, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.583, 41.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 198) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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