

Converting Colors

CIELCh(100, 61.545, 30.699)

Have a look what the booklet for
CIELCh(100, 61.545, 30.699)
contains.

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Color

CIELCh(88, 18.298, 45.480)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C5
RGB	255, 212, 197
RGB Percent	100%, 83%, 77%
CMY	0.0017, 0.1703, 0.2291
CMYK	0.00, 0.17, 0.23, 0.00
HSL	16°, 99%, 88%
HSV	16°, 23%, 100%
XYZ	74.5469, 72.0653, 62.5551
YIQ	223.1470, 30.4430, 4.4510

Conversions

Conversions Part 2

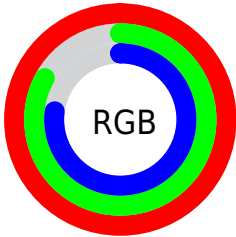
Format	Color
R _Y B	255, 217, 197
Decimal	16766149
CIE Lab	88.00, 12.83, 13.05
CIE LCh	88, 18.298, 45.480
Yxy	72.0653, 0.3564, 0.3445
Android (android.graphics.Color)	4294956229 (0xFFFFD4C5)
YUV	223.1470, -12.8905, 27.9351
Hunter-Lab	84.8913, 8.1893, 15.7340

Details

The CIELCh color **88, 18.298, 45.480** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.838, 228.112**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **68, 18.576, 44.912** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.434, 45.241**, and if you desaturate by 10%, it is **93, 9.856, 45.828**.

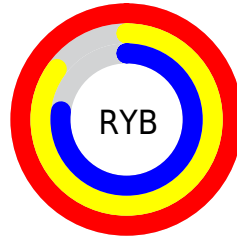
Distribution



Red (100%)

Green (83%)

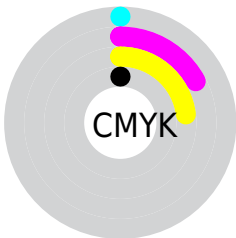
Blue (77%)



Red (100%)

Yellow (85%)

Blue (77%)

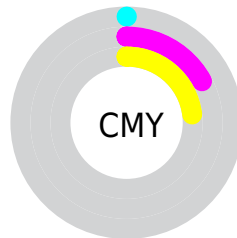


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.298, 45.480 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, 18.298, 45.480 by changing the saturation by 10% instead.

 88, 18.298, 45.480

 88, 18.298, 45.480

 100, 18.298,
45.480

 78, 18.298, 45.480

 68, 18.298, 45.480

 58, 18.298, 45.480

 48, 18.298, 45.480

 38, 18.298, 45.480

 28, 18.298, 45.480

 18, 18.298, 45.480

 8, 18.298, 45.480

 0, 18.298, 45.480

88, 18.298, 45.480

88, 18.298, 45.480

83, 27.434, 45.241

93, 9.856, 45.828

78, 37.303, 45.124

98, 2.055, 46.037

74, 47.895, 45.167

100, 0.152,
203.750

69, 59.120, 45.374

65, 70.721, 45.700

62, 82.081, 45.964

59, 91.855, 45.703

57, 97.155, 45.021

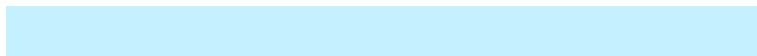
Harmonies

Complementary

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



88, 18.298, 45.480



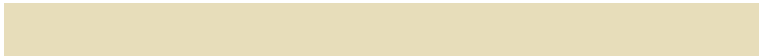
92, 15.838, 228.112

Rectangle

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



88, 18.298, 45.480



88, 18.298, 95.480



88, 18.298, 225.480



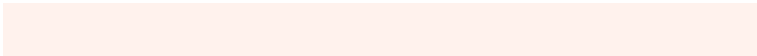
88, 18.298, 275.480

Sweetspot

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



88, 18.297, 45.489



96, 5.285, 46.025



86, 30.621, 333.871



51, 3.442, 46.007



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, 18.297, 45.489



86, 22.102, 45.371



95, 22.877, 94.452



50, 4.336, 45.945



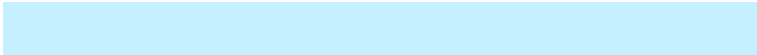
43, 77.866, 45.525



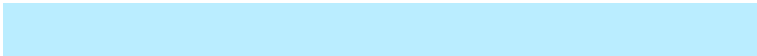
12, 29.124, 40.852

Inverse Universe

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



92, 15.838, 228.112



91, 18.559, 228.532



85, 23.235, 280.420



51, 4.101, 227.110



55, 37.251, 248.163



18, 16.593, 241.649

Previews

White Background



This preview shows how the CIELCh color 88, 18.298, 45.480 looks on a white background.

Color Contrast Check

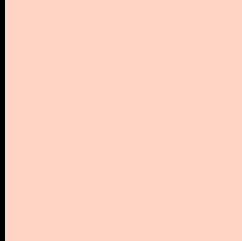
Large Text (above 18pt) WCAG AA × Fail

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, 18.298, 45.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

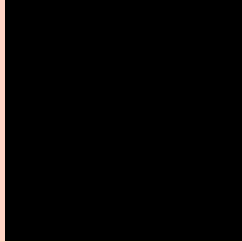
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.298, 45.480

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.298, 45.480.

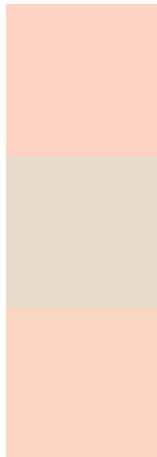


This preview shows how white text looks on a background with the CIELCh color 88, 18.298, 45.480.

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, 18.298, 45.480

Protanopia

88, 10.550, 88.583

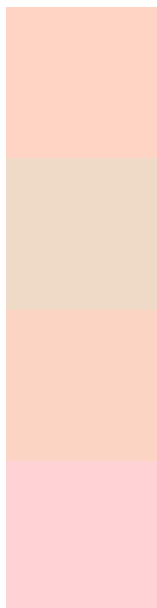
Deuteranopia

88, 17.093, 51.201



Tritanopia
88, 18.320, 357.471

Trichromacy



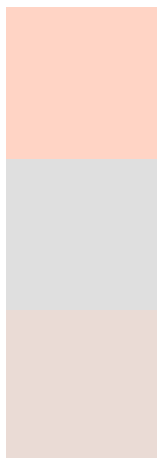
Original Color
88, 18.298, 45.480

Protanomaly
88, 12.536, 67.858

Deuteranomaly
88, 17.509, 48.529

Tritanomaly
88, 16.820, 15.360

Monochromacy



Original Color
88, 18.298, 45.480

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.321, 49.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.298, 45.480 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, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 197)  
}
```

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, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.298, 45.480 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, 212, 197) }
```

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

```
.border{ border-color:rgb(255, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.298, 45.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 197) }
```

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

```
.background{ background-color: rgb(255,  
212, 197) }
```

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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