

Converting Colors

CIELCh(90, 26.203, 42.575)

Have a look what the booklet for
CIELCh(90, 26.203, 42.575) contains.

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Color

CIELCh(88, 19.111, 49.504)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C2
RGB	255, 212, 194
RGB Percent	100%, 83%, 76%
CMY	0.0010, 0.1695, 0.2401
CMYK	0.00, 0.17, 0.24, 0.00
HSL	18°, 99%, 88%
HSV	18°, 24%, 100%
XYZ	74.3438, 72.0653, 60.8923
YIQ	222.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

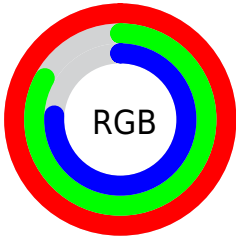
Format	Color
R _Y B	255, 220, 194
Decimal	16766146
CIE Lab	88.00, 12.41, 14.53
CIE LCh	88, 19.111, 49.504
Yxy	72.0653, 0.3586, 0.3476
Android (android.graphics.Color)	4294956226 (0xFFFFD4C2)
YUV	222.8050, -14.2009, 28.2350
Hunter-Lab	84.8913, 7.7622, 16.8953

Details

The CIELCh color **88, 19.111, 49.504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.558, 233.141**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **68, 19.443, 49.054** is the 20% darker color. If you saturate the color by 10%, you get **83, 28.189, 49.066**, and if you desaturate by 10%, it is **93, 10.702, 50.036**.

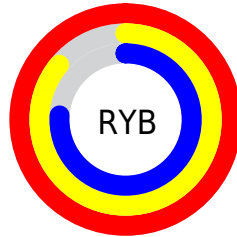
Distribution



Red (100%)

Green (83%)

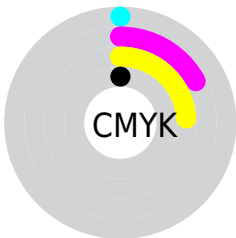
Blue (76%)



Red (100%)

Yellow (86%)

Blue (76%)

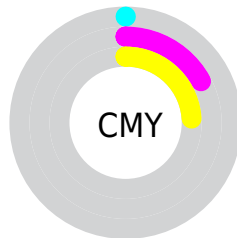


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 19.111, 49.504 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, 19.111, 49.504 by changing the saturation by 10% instead.

 88, 19.111, 49.504

 88, 19.111, 49.504

 100, 19.111,
49.504

 78, 19.111, 49.504

 68, 19.111, 49.504

 58, 19.111, 49.504

 48, 19.111, 49.504

 38, 19.111, 49.504

 28, 19.111, 49.504

 18, 19.111, 49.504

 8, 19.111, 49.504

 0, 19.111, 49.504

88, 19.111, 49.504

88, 19.111, 49.504

83, 28.189, 49.066

93, 10.702, 50.036

79, 37.970, 48.727

98, 2.909, 50.497

74, 48.442, 48.514

100, 0.086,
207.147

70, 59.507, 48.423

66, 70.879, 48.388

63, 81.885, 48.205

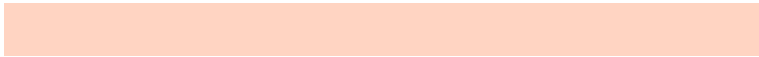
60, 91.120, 47.401

58, 95.417, 46.558

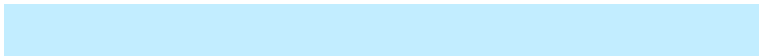
Harmonies

Complementary

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



88, 19.111, 49.504



91, 16.558, 233.141

Rectangle

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



88, 19.111, 49.504



88, 19.111, 99.504



88, 19.111, 229.504



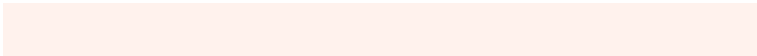
88, 19.111, 279.504

Sweetspot

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



88, 19.110, 49.513



96, 5.237, 50.397



85, 31.474, 335.300



51, 3.411, 50.368



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, 19.110, 49.513



86, 23.637, 49.275



95, 24.868, 96.536



51, 4.294, 50.273



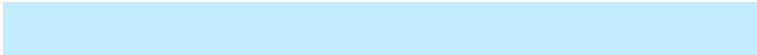
44, 76.418, 47.118



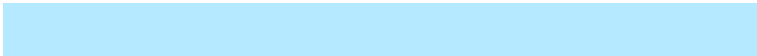
13, 28.620, 43.458

Inverse Universe

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



91, 16.558, 233.141



90, 19.784, 233.775



84, 25.466, 282.686



51, 4.077, 231.750



53, 39.188, 255.344



17, 17.158, 248.362

Previews

White Background



This preview shows how the CIELCh color 88, 19.111, 49.504 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, 19.111, 49.504 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, 19.111, 49.504

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.111, 49.504.

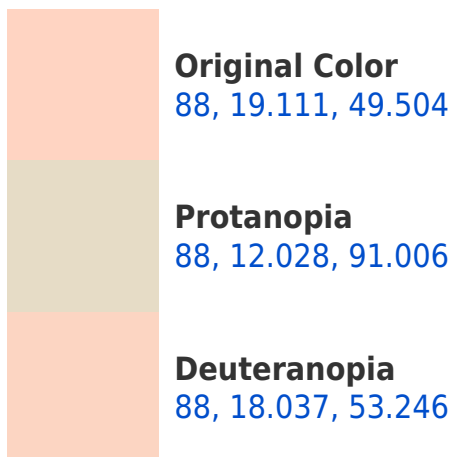


This preview shows how white text looks on a background with the CIELCh color 88, 19.111, 49.504.

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, 18.320, 357.471

Trichromacy



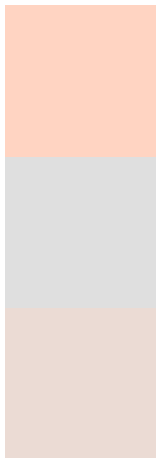
Original Color
88, 19.111, 49.504

Protanomaly
88, 13.773, 71.926

Deuteranomaly
88, 18.369, 52.592

Tritanomaly
88, 16.812, 17.118

Monochromacy



Original Color
88, 19.111, 49.504

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.915, 51.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.111, 49.504 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.111, 49.504 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, 194) }
```

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

```
.border{ border-color:rgb(255, 212, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.111, 49.504 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
212, 194) }
```

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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