

Converting Colors

CIELCh(89, 19.439, 56.345)

Have a look what the booklet for
CIELCh(89, 19.439, 56.345) contains.

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Color

CIELCh(89, 19.299, 58.101)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8C1
RGB	255, 216, 193
RGB Percent	100%, 85%, 76%
CMY	0.0003, 0.1532, 0.2434
CMYK	0.00, 0.15, 0.24, 0.00
HSL	22°, 100%, 88%
HSV	22°, 24%, 100%
XYZ	75.3640, 74.1641, 60.7513
YIQ	225.0390, 30.6270, 1.1150

Conversions

Conversions Part 2

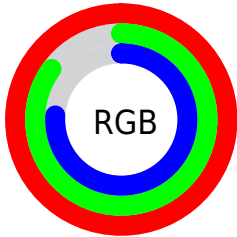
Format	Color
RYB	255, 230, 193
Decimal	16767169
CIELab	89.00, 10.20, 16.38
CIELCh	89, 19.299, 58.101
Yxy	74.1641, 0.3584, 0.3527
Android (android.graphics.Color)	4294957249 (0xFFFFD8C1)
YUV	225.0390, -15.7952, 26.2758
Hunter-Lab	86.1186, 5.5012, 18.4577

Details

The CIELCh color **89, 19.299, 58.101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.116, 243.360**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **69, 19.604, 57.886** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.207, 57.271**, and if you desaturate by 10%, it is **93, 10.978, 58.983**.

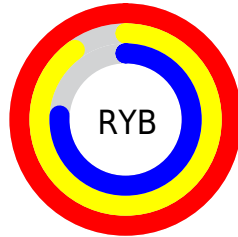
Distribution



Red (100%)

Green (85%)

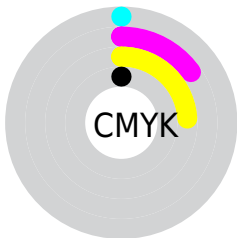
Blue (76%)



Red (100%)

Yellow (90%)

Blue (76%)

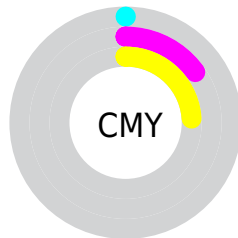


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 19.299, 58.101 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 89, 19.299, 58.101 by changing the saturation by 10% instead.

 89, 19.299, 58.101

 89, 19.299, 58.101

 100, 19.299,
58.101

 79, 19.299, 58.101

 69, 19.299, 58.101

 59, 19.299, 58.101

 49, 19.299, 58.101

 39, 19.299, 58.101

 29, 19.299, 58.101

 19, 19.299, 58.101

 9, 19.299, 58.101

 0, 19.299, 58.101

89, 19.299, 58.101

89, 19.299, 58.101

85, 28.207, 57.271

93, 10.978, 58.983

80, 37.728, 56.488

98, 3.199, 59.786

76, 47.844, 55.767

100, 0.029,
223.168

72, 58.442, 55.089

69, 69.215, 54.374

66, 79.462, 53.416

63, 87.851, 51.785

61, 91.541, 50.552

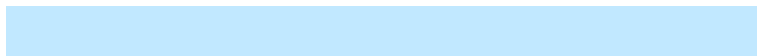
Harmonies

Complementary

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



89, 19.299, 58.101



90, 17.116, 243.360

Rectangle

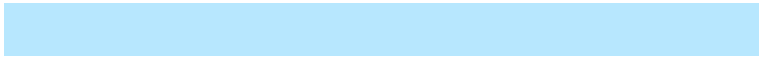
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 19.299, 58.101



89, 19.299, 108.101



89, 19.299, 238.101



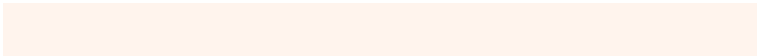
89, 19.299, 288.101

Sweetspot

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



89, 19.299, 58.110



97, 5.236, 59.603



85, 30.211, 338.999



51, 3.409, 59.556



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 19.299, 58.110



87, 23.399, 57.712



97, 27.435, 101.447



51, 4.289, 59.399



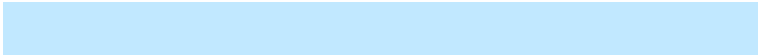
46, 73.303, 51.206



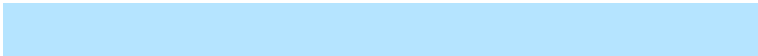
14, 27.725, 49.618

Inverse Universe

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



90, 17.116, 243.360



88, 20.214, 244.120



82, 28.548, 287.295



51, 4.112, 241.428



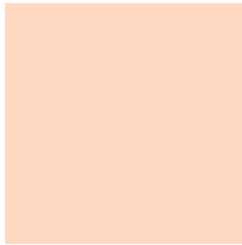
49, 44.880, 268.285



15, 18.992, 261.021

Previews

White Background



This preview shows how the CIELCh color 89, 19.299, 58.101 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 89, 19.299, 58.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

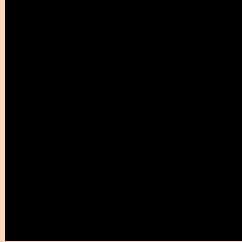
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 19.299, 58.101

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.299, 58.101.

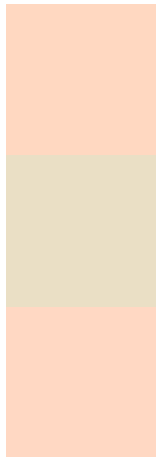


This preview shows how white text looks on a background with the CIELCh color 89, 19.299, 58.101.

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

89, 19.299, 58.101

Protanopia

89, 14.096, 91.927

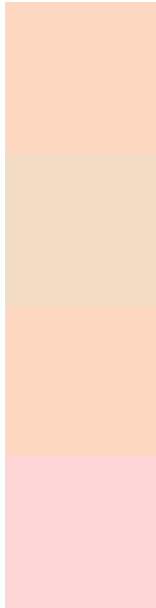
Deuteranopia

89, 18.622, 55.771



Tritanopia
89, 16.913, 355.303

Trichromacy



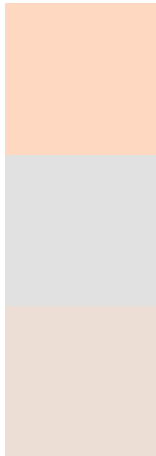
Original Color
89, 19.299, 58.101

Protanomaly
89, 15.028, 75.313

Deuteranomaly
89, 18.956, 56.958

Tritanomaly
89, 15.233, 18.555

Monochromacy



Original Color
89, 19.299, 58.101

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 6.937, 61.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.299, 58.101 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, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 193)  
}
```

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, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.299, 58.101 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, 216, 193) }
```

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

```
.border{ border-color:rgb(255, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 193); box-shadow:4px 4px 4px 4px rgb(255, 216, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.299, 58.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 193) }
```

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

```
.background{ background-color: rgb(255,  
216, 193) }
```

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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