

Converting Colors

CIELCh(89, 16.406, 59.102)

Have a look what the booklet for
CIELCh(89, 16.406, 59.102) contains.

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Color

CIELCh(89, 16.389, 59.109)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9C5
RGB	250, 217, 197
RGB Percent	98%, 85%, 77%
CMY	0.0186, 0.1480, 0.2265
CMYK	0.00, 0.13, 0.21, 0.02
HSL	23°, 85%, 88%
HSV	23°, 21%, 98%
XYZ	74.4959, 74.1641, 63.3560
YIQ	224.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

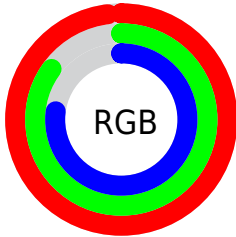
Format	Color
RYB	250, 229, 197
Decimal	16439749
CIELab	89.00, 8.41, 14.06
CIElCh	89, 16.389, 59.109
Yxy	74.1641, 0.3514, 0.3498
Android (android.graphics.Color)	4294629829 (0xFFFAD9C5)
YUV	224.5870, -13.6004, 22.2872
Hunter-Lab	86.1186, 3.7018, 16.6643

Details

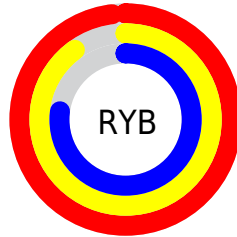
The CIELCh color **89, 16.389, 59.109** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 14.820, 243.720**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **69, 16.476, 59.025** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.970, 58.239**, and if you desaturate by 10%, it is **93, 8.365, 60.018**.

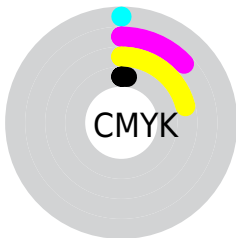
Distribution



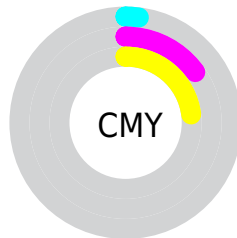
- Red (98%)
- Green (85%)
- Blue (77%)



- Red (98%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.389, 59.109 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, 16.389, 59.109 by changing the saturation by 10% instead.

 89, 16.389, 59.109

 89, 16.389, 59.109

 100, 16.389,
59.109

 79, 16.389, 59.109

 69, 16.389, 59.109

 59, 16.389, 59.109

 49, 16.389, 59.109

 39, 16.389, 59.109

 29, 16.389, 59.109

 19, 16.389, 59.109

 9, 16.389, 59.109

 0, 16.389, 59.109

89, 16.389, 59.109

89, 16.389, 59.109

85, 24.970, 58.239

93, 8.365, 60.018

81, 34.142, 57.406

98, 0.851, 60.398

77, 43.903, 56.630

100, 1.648,
199.703

73, 54.176, 55.902

69, 64.736, 55.165

66, 75.043, 54.266

63, 84.001, 52.856

60, 89.911, 50.975

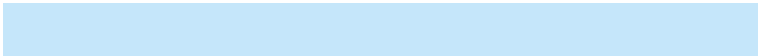
Harmonies

Complementary

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



89, 16.389, 59.109



90, 14.820, 243.720

Rectangle

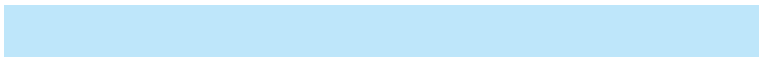
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.389, 59.109



89, 16.389, 109.109



89, 16.389, 239.109



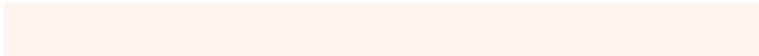
89, 16.389, 289.109

Sweetspot

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



89, 16.389, 59.120



97, 4.478, 60.451



85, 25.895, 338.729



52, 2.977, 60.401



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, 16.389, 59.120



89, 19.898, 58.777



95, 23.545, 101.802



50, 4.223, 60.166



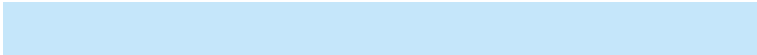
46, 72.294, 51.633



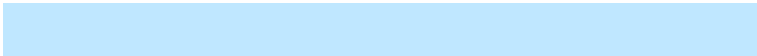
13, 26.451, 49.799

Inverse Universe

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



90, 14.820, 243.720



90, 17.627, 244.305



83, 24.361, 286.813



50, 4.052, 242.229



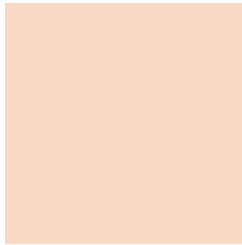
48, 44.965, 269.193



14, 18.595, 261.565

Previews

White Background



This preview shows how the CIELCh color 89, 16.389, 59.109 looks on a white background.

Color Contrast Check

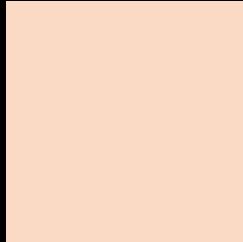
Large Text (above 18pt) WCAG AA × Fail

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, 16.389, 59.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

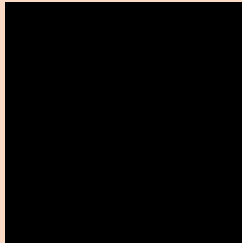
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.389, 59.109

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.389, 59.109.



This preview shows how white text looks on a background with the CIELCh color 89, 16.389, 59.109.

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, 16.389, 59.109

Protanopia

89, 12.492, 91.701

Deuteranopia

89, 17.672, 51.939



Tritanopia
89, 17.022, 351.542

Trichromacy



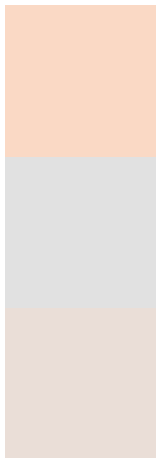
Original Color
89, 16.389, 59.109

Protanomaly
89, 13.291, 78.467

Deuteranomaly
89, 17.010, 53.295

Tritanomaly
89, 14.084, 16.206

Monochromacy



Original Color
89, 16.389, 59.109

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.684, 59.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.389, 59.109 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(250, 217, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 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(250, 217, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.389, 59.109 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(250, 217, 197) }
```

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

```
.border{ border-color:rgb(250, 217, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.389, 59.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 197) }
```

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

```
.background{ background-color: rgb(250,  
217, 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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