

Converting Colors

CIELCh(89, 16.907, 48.571)

Have a look what the booklet for
CIELCh(89, 16.907, 48.571) contains.

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Color

CIELCh(89, 16.749, 49.776)

Conversions

Conversions Part 1

Format	Color
Hex	FED8C8
RGB	254, 216, 200
RGB Percent	100%, 85%, 78%
CMY	0.0049, 0.1539, 0.2166
CMYK	0.00, 0.15, 0.21, 0.00
HSL	18°, 96%, 89%
HSV	18°, 21%, 100%
XYZ	75.6664, 74.1641, 64.8195
YIQ	225.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

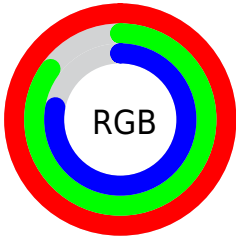
Format	Color
RYB	254, 223, 200
Decimal	16701640
CIELab	89.00, 10.82, 12.79
CIElCh	89, 16.749, 49.776
Yxy	74.1641, 0.3525, 0.3455
Android (android.graphics.Color)	4294891720 (0xFF FED8C8)
YUV	225.5380, -12.5902, 24.9612
Hunter-Lab	86.1186, 6.1279, 15.6568

Details

The CIELCh color **89, 16.749, 49.776** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.775, 233.002**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 16.882, 49.320** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.611, 49.308**, and if you desaturate by 10%, it is **94, 8.539, 50.325**.

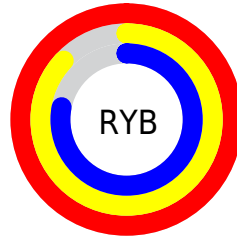
Distribution



Red (100%)

Green (85%)

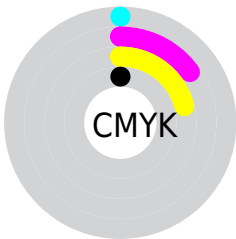
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

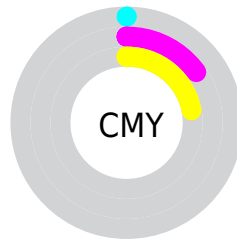


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.749, 49.776 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, 16.749, 49.776 by changing the saturation by 10% instead.

 89, 16.749, 49.776

 89, 16.749, 49.776

 100, 16.749,
49.776

 79, 16.749, 49.776

 69, 16.749, 49.776

 59, 16.749, 49.776

 49, 16.749, 49.776

 39, 16.749, 49.776

 29, 16.749, 49.776

 19, 16.749, 49.776

 9, 16.749, 49.776

 0, 16.749, 49.776

89, 16.749, 49.776

89, 16.749, 49.776

84, 25.611, 49.308

94, 8.539, 50.325

80, 35.167, 48.931

99, 0.927, 50.375

75, 45.420, 48.675

100, 0.437,
200.893

71, 56.301, 48.544

67, 67.591, 48.495

63, 78.751, 48.372

60, 88.605, 47.785

58, 95.061, 46.620

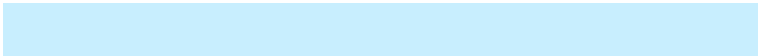
Harmonies

Complementary

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



89, 16.749, 49.776



92, 14.775, 233.002

Rectangle

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



89, 16.749, 49.776



89, 16.749, 99.776



89, 16.749, 229.776



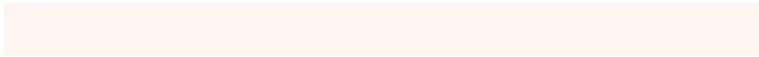
89, 16.749, 279.776

Sweetspot

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



89, 16.748, 49.786



97, 4.470, 50.588



86, 27.867, 335.098



51, 2.973, 50.560



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

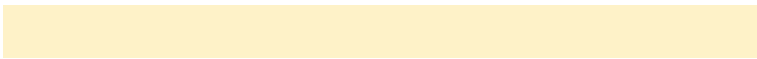
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.748, 49.786



87, 20.935, 49.550



95, 22.010, 96.862



51, 4.294, 50.419



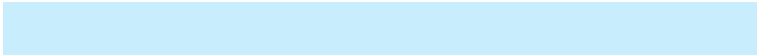
44, 76.368, 47.175



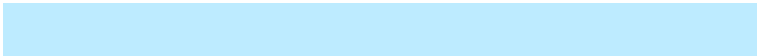
13, 28.604, 43.550

Inverse Universe

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



92, 14.775, 233.002



91, 17.895, 233.556



85, 22.474, 282.256



51, 4.076, 231.907



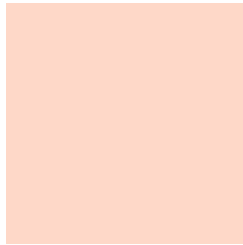
53, 39.262, 255.575



17, 17.180, 248.582

Previews

White Background



This preview shows how the CIELCh color 89, 16.749, 49.776 looks on a white background.

Color Contrast Check

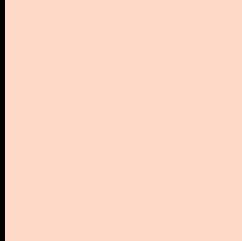
Large Text (above 18pt) WCAG AA × Fail

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 89, 16.749, 49.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

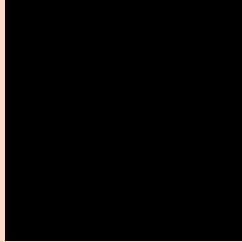
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

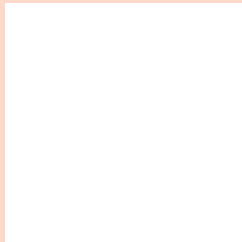
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.749, 49.776

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.749, 49.776.



This preview shows how white text looks on a background with the CIELCh color 89, 16.749, 49.776.

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, 16.749, 49.776

Protanopia

89, 10.396, 90.539

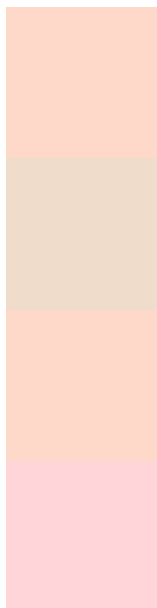
Deuteranopia

89, 16.749, 49.776



Tritanopia
89, 17.680, 352.784

Trichromacy



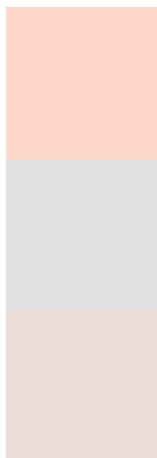
Original Color
89, 16.749, 49.776

Protanomaly
89, 12.002, 70.589

Deuteranomaly
89, 16.749, 49.776

Tritanomaly
89, 15.720, 11.104

Monochromacy



Original Color
89, 16.749, 49.776

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.668, 52.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.749, 49.776 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(254, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 200)  
}
```

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(254, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.749, 49.776 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(254, 216, 200) }
```

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

```
.border{ border-color:rgb(254, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.749, 49.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 200) }
```

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

```
.background{ background-color: rgb(254,  
216, 200) }
```

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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