

Converting Colors

CIELCh(97, 46.331, 32.537)

Have a look what the booklet for
CIELCh(97, 46.331, 32.537) contains.

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Color

CIELCh(89, 17.090, 49.147)

Conversions

Conversions Part 1

Format	Color
Hex	FED8C8
RGB	254, 216, 200
RGB Percent	100%, 85%, 78%
CMY	0.0020, 0.1549, 0.2176
CMYK	0.00, 0.15, 0.22, 0.00
HSL	17°, 98%, 89%
HSV	17°, 22%, 100%
XYZ	75.8443, 74.1641, 64.6597
YIQ	225.5380, 27.7840, 3.0800

Conversions

Conversions Part 2

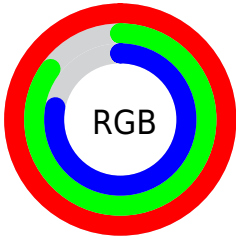
Format	Color
RYB	254, 223, 200
Decimal	16701640
CIELab	89.00, 11.18, 12.93
CIElCh	89, 17.090, 49.147
Yxy	74.1641, 0.3533, 0.3455
Android (android.graphics.Color)	4294891720 (0xFF FED8C8)
YUV	225.5380, -12.5902, 24.9612
Hunter-Lab	86.1186, 6.4966, 15.7668

Details

The CIELCh color **89, 17.090, 49.147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 15.023, 232.317**, 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, 26.014, 48.712**, and if you desaturate by 10%, it is **94, 8.827, 49.668**.

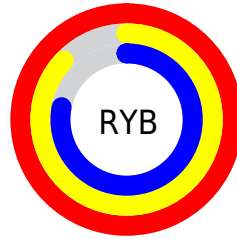
Distribution



Red (100%)

Green (85%)

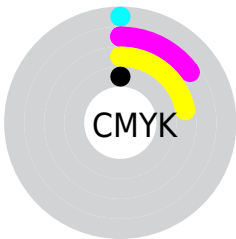
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

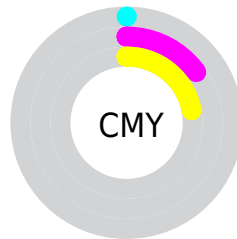


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.090, 49.147 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, 17.090, 49.147 by changing the saturation by 10% instead.

 89, 17.090, 49.147

 89, 17.090, 49.147

 100, 17.090,
49.147

 79, 17.090, 49.147

 69, 17.090, 49.147

 59, 17.090, 49.147

 49, 17.090, 49.147

 39, 17.090, 49.147

 29, 17.090, 49.147

 19, 17.090, 49.147

 9, 17.090, 49.147

 0, 17.090, 49.147

89, 17.090, 49.147

89, 17.090, 49.147

84, 26.014, 48.712

94, 8.827, 49.668

79, 35.639, 48.371

99, 1.170, 49.823

75, 45.968, 48.158

100, 0.180,
203.072

71, 56.926, 48.075

67, 68.287, 48.078

63, 79.496, 48.005

60, 89.341, 47.454

58, 95.548, 46.372

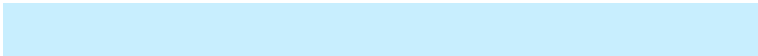
Harmonies

Complementary

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



89, 17.090, 49.147



92, 15.023, 232.317

Rectangle

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



89, 17.090, 49.147



89, 17.090, 99.147



89, 17.090, 229.147



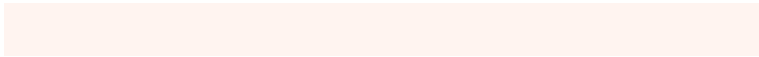
89, 17.090, 279.147

Sweetspot

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



89, 17.089, 49.157



97, 4.474, 49.935



86, 28.362, 335.123



51, 2.975, 49.908



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, 17.089, 49.157



87, 20.965, 48.950



96, 22.402, 96.822



51, 4.298, 49.775



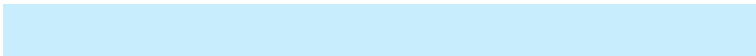
44, 76.586, 46.924



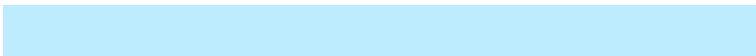
13, 28.676, 43.148

Inverse Universe

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



92, 15.023, 232.317



91, 17.891, 232.821



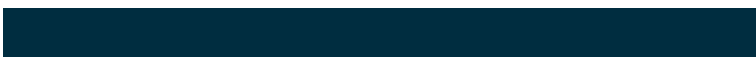
85, 22.882, 282.308



51, 4.078, 231.218



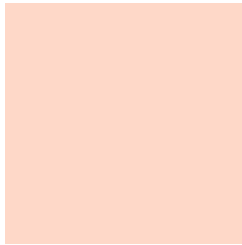
53, 38.938, 254.553



17, 17.082, 247.613

Previews

White Background



This preview shows how the CIELCh color 89, 17.090, 49.147 looks on a white background.

Color Contrast Check

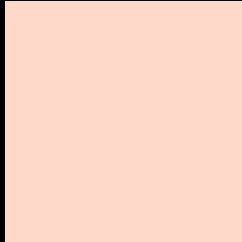
Large Text (above 18pt) WCAG AA × Fail

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, 17.090, 49.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

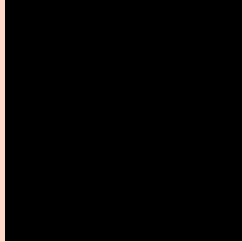
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

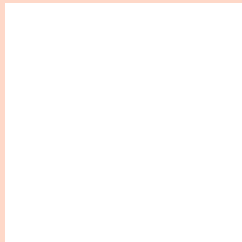
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.090, 49.147

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.090, 49.147.

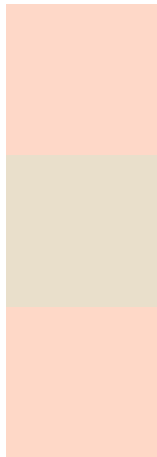


This preview shows how white text looks on a background with the CIELCh color 89, 17.090, 49.147.

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, 11.011, 89.487

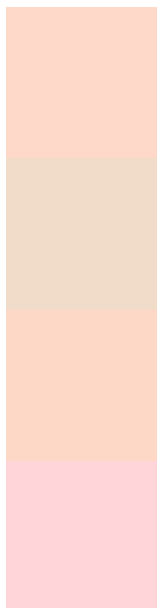
Deuteranopia

89, 17.039, 51.215



Tritanopia
89, 17.464, 354.310

Trichromacy



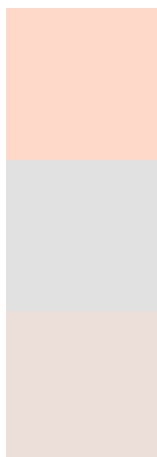
Original Color
89, 16.749, 49.776

Protanomaly
89, 12.247, 69.207

Deuteranomaly
89, 17.039, 51.215

Tritanomaly
89, 15.671, 12.977

Monochromacy



Original Color
89, 16.749, 49.776

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.982, 50.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.090, 49.147 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, 17.090, 49.147 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, 17.090, 49.147 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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