

Converting Colors

CIELCh(89, 16.221, 46.740)

Have a look what the booklet for
CIELCh(89, 16.221, 46.740) contains.

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Color

CIELCh(89, 16.204, 46.743)

Conversions

Conversions Part 1

Format	Color
Hex	FED8CA
RGB	254, 216, 202
RGB Percent	100%, 85%, 79%
CMY	0.0054, 0.1544, 0.2093
CMYK	0.00, 0.15, 0.20, 0.01
HSL	16°, 95%, 89%
HSV	16°, 20%, 99%
XYZ	75.8076, 74.1641, 65.9671
YIQ	225.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

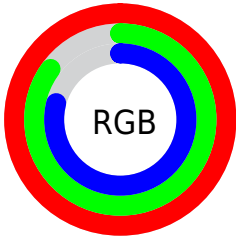
Format	Color
RYB	254, 221, 202
Decimal	16701642
CIELab	89.00, 11.10, 11.80
CIELCh	89, 16.204, 46.743
Yxy	74.1641, 0.3511, 0.3434
Android (android.graphics.Color)	4294891722 (0xFF FED8CA)
YUV	225.7660, -11.7166, 24.7612
Hunter-Lab	86.1186, 6.4205, 14.8667

Details

The CIELCh color **89, 16.204, 46.743** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.281, 229.314**, 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, 16.303, 46.163** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.107, 46.420**, and if you desaturate by 10%, it is **94, 7.973, 47.158**.

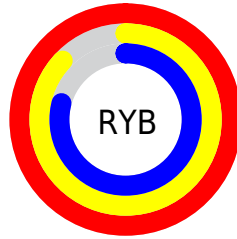
Distribution



Red (100%)

Green (85%)

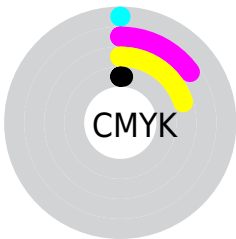
Blue (79%)



Red (100%)

Yellow (87%)

Blue (79%)

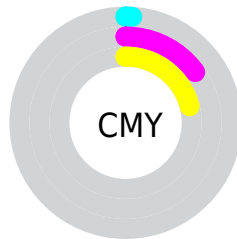


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.204, 46.743 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, 16.204, 46.743 by changing the saturation by 10% instead.

 89, 16.204, 46.743

 89, 16.204, 46.743

 100, 16.204,
46.743

 79, 16.204, 46.743

 69, 16.204, 46.743

 59, 16.204, 46.743

 49, 16.204, 46.743

 39, 16.204, 46.743

 29, 16.204, 46.743

 19, 16.204, 46.743

 9, 16.204, 46.743

 0, 16.204, 46.743

89, 16.204, 46.743

89, 16.204, 46.743

84, 25.107, 46.420

94, 7.973, 47.158

79, 34.725, 46.202

99, 0.359, 46.018

75, 45.065, 46.129

100, 0.482,
200.748

70, 56.063, 46.211

66, 67.512, 46.415

63, 78.908, 46.601

60, 89.120, 46.392

57, 96.363, 45.450

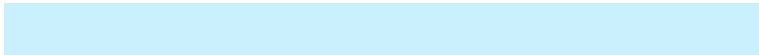
Harmonies

Complementary

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



89, 16.204, 46.743



92, 14.281, 229.314

Rectangle

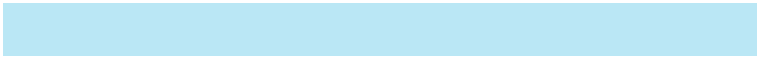
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.204, 46.743



89, 16.204, 96.743



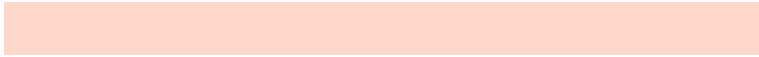
89, 16.204, 226.743



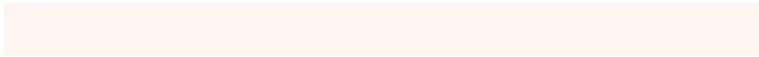
89, 16.204, 276.743

Sweetspot

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



89, 16.203, 46.754



97, 4.497, 47.321



87, 27.142, 334.365



51, 2.991, 47.301



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, 16.203, 46.754



87, 20.217, 46.591



95, 20.841, 95.866



50, 4.321, 47.197



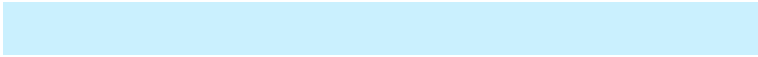
44, 77.451, 45.965



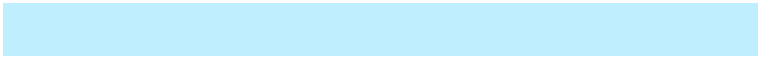
13, 28.974, 41.586

Inverse Universe

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



92, 14.281, 229.314



91, 17.269, 229.762



86, 21.199, 281.111



51, 4.091, 228.456



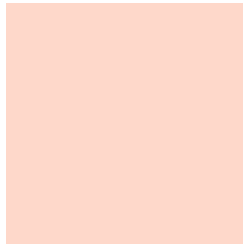
55, 37.756, 250.312



17, 16.735, 243.638

Previews

White Background



This preview shows how the CIELCh color 89, 16.204, 46.743 looks on a white background.

Color Contrast Check

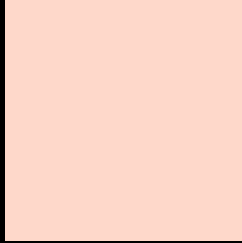
Large Text (above 18pt) WCAG AA × Fail

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, 16.204, 46.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

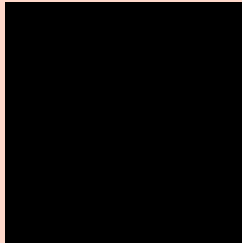
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.204, 46.743

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.204, 46.743.

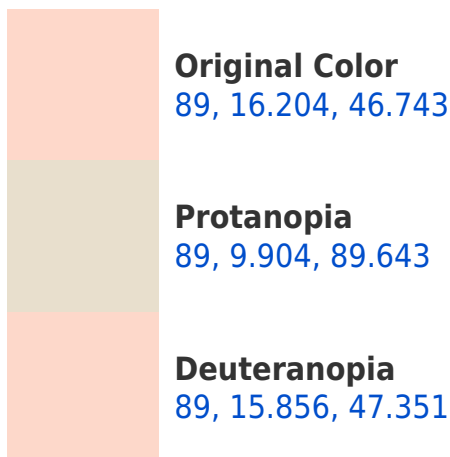


This preview shows how white text looks on a background with the CIELCh color 89, 16.204, 46.743.

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
89, 17.680, 352.784

Trichromacy



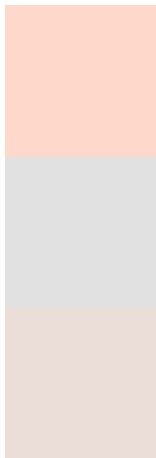
Original Color
89, 16.204, 46.743

Protanomaly
89, 11.193, 67.427

Deuteranomaly
89, 15.856, 47.351

Tritanomaly
89, 15.348, 10.839

Monochromacy



Original Color
89, 16.204, 46.743

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.396, 48.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.204, 46.743 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.204, 46.743 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, 202) }
```

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

```
.border{ border-color:rgb(254, 216, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.204, 46.743 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, 202) }
```

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

```
.background{ background-color: rgb(254,  
216, 202) }
```

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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