

Converting Colors

CIELCh(98, 50.639, 30.393)

Have a look what the booklet for
CIELCh(98, 50.639, 30.393) contains.

CIELCh(89, 16.677, 44.060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 16.677, 44.060)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CA
RGB	255, 215, 202
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1566, 0.2076
CMYK	0.00, 0.16, 0.21, 0.00
HSL	15°, 100%, 90%
HSV	15°, 21%, 100%
XYZ	76.2401, 74.1641, 66.2057
YIQ	225.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

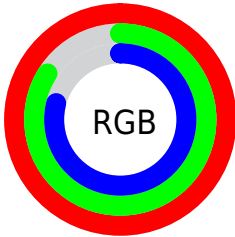
Format	Color
R _Y B	255, 219, 202
Decimal	16766922
CIE Lab	89.00, 11.98, 11.60
CIE LCh	89, 16.677, 44.060
Yxy	74.1641, 0.3520, 0.3424
Android (android.graphics.Color)	4294957002 (0xFFFFD7CA)
YUV	225.4780, -11.5747, 25.8908
Hunter-Lab	86.1186, 7.3170, 14.7024

Details

The CIELCh color **89, 16.677, 44.060** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 14.588, 226.204**, 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, 16.822, 43.397** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.721, 43.903**, and if you desaturate by 10%, it is **94, 8.290, 44.379**.

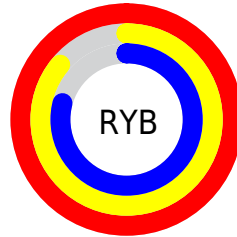
Distribution



Red (100%)

Green (84%)

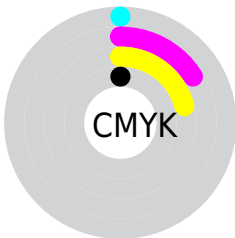
Blue (79%)



Red (100%)

Yellow (86%)

Blue (79%)

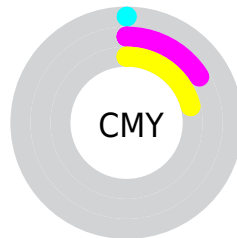


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.677, 44.060 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, 16.677, 44.060 by changing the saturation by 10% instead.

 89, 16.677, 44.060

 89, 16.677, 44.060

 100, 16.677,
44.060

 79, 16.677, 44.060

 69, 16.677, 44.060

 59, 16.677, 44.060

 49, 16.677, 44.060

 39, 16.677, 44.060

 29, 16.677, 44.060

 19, 16.677, 44.060

 9, 16.677, 44.060

 0, 16.677, 44.060

89, 16.677, 44.060

89, 16.677, 44.060

84, 25.721, 43.903

94, 8.290, 44.379

79, 35.523, 43.843

100, 0.562, 43.727

74, 46.063, 43.948

100, 0.012,
296.813

70, 57.269, 44.236

66, 68.926, 44.678

62, 80.508, 45.129

59, 90.837, 45.191

57, 97.900, 44.524

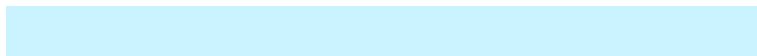
Harmonies

Complementary

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



89, 16.677, 44.060



93, 14.588, 226.204

Rectangle

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



89, 16.677, 44.060



89, 16.677, 94.060



89, 16.677, 224.060



89, 16.677, 274.060

Sweetspot

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



89, 16.657, 44.098



97, 4.533, 44.498



87, 28.273, 333.084



51, 3.015, 44.486



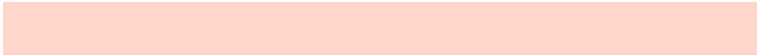
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 16.657, 44.098



87, 20.409, 44.002



95, 20.527, 93.536



50, 4.357, 44.415



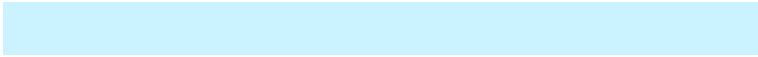
43, 78.365, 45.010



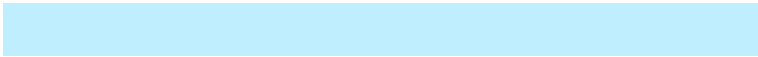
12, 29.312, 39.976

Inverse Universe

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



93, 14.588, 226.204



92, 17.337, 226.568



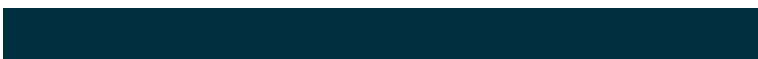
86, 20.748, 278.991



51, 4.116, 225.463



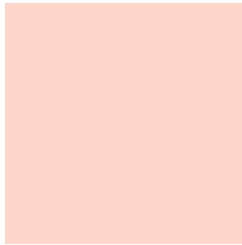
56, 36.699, 245.460



18, 16.444, 239.173

Previews

White Background



This preview shows how the CIELCh color 89, 16.677, 44.060 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, 16.677, 44.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

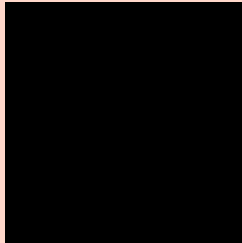
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.677, 44.060

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.677, 44.060.

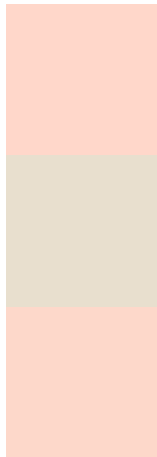


This preview shows how white text looks on a background with the CIELCh color 89, 16.677, 44.060.

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, 16.677, 44.060

Protanopia

89, 9.415, 88.649

Deuteranopia

89, 15.856, 47.351



Tritanopia
89, 17.464, 354.310

Trichromacy



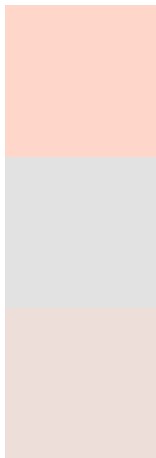
Original Color
89, 16.677, 44.060

Protanomaly
89, 10.802, 65.666

Deuteranomaly
89, 16.204, 46.743

Tritanomaly
89, 15.720, 11.104

Monochromacy



Original Color
89, 16.677, 44.060

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.057, 44.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.677, 44.060 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, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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(255, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.677, 44.060 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, 215, 202) }
```

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

```
.border{ border-color:rgb(255, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.677, 44.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 202) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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