

Converting Colors

CIELCh(89, 16.105, 38.406)

Have a look what the booklet for
CIELCh(89, 16.105, 38.406) contains.

CIELCh(89, 16.019, 39.164)	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, 16.019, 39.164)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CD
RGB	255, 215, 205
RGB Percent	100%, 84%, 80%
CMY	0.0006, 0.1574, 0.1966
CMYK	0.00, 0.16, 0.20, 0.00
HSL	12°, 99%, 90%
HSV	12°, 20%, 100%
XYZ	76.4549, 74.1641, 67.9567
YIQ	225.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

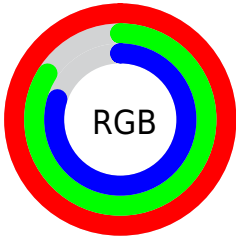
Format	Color
R _Y B	255, 218, 205
Decimal	16766925
CIE Lab	89.00, 12.42, 10.12
CIE LCh	89, 16.019, 39.164
Yxy	74.1641, 0.3498, 0.3393
Android (android.graphics.Color)	4294957005 (0xFFFFD7CD)
YUV	225.8200, -10.2643, 25.5909
Hunter-Lab	86.1186, 7.7622, 13.4970

Details

The CIELCh color **89, 16.019, 39.164** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 14.057, 220.254**, 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, 16.128, 38.288** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.227, 39.229**, and if you desaturate by 10%, it is **95, 7.531, 39.221**.

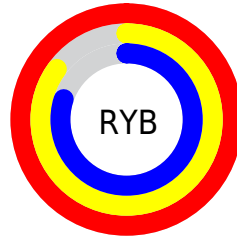
Distribution



Red (100%)

Green (84%)

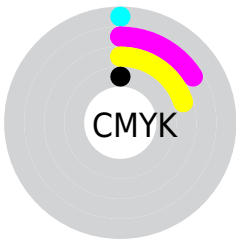
Blue (80%)



Red (100%)

Yellow (85%)

Blue (80%)

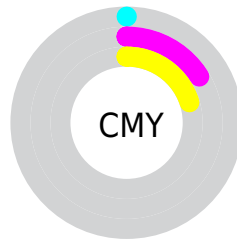


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.019, 39.164 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, 16.019, 39.164 by changing the saturation by 10% instead.

 89, 16.019, 39.164

 89, 16.019, 39.164

 100, 16.019,
39.164

 79, 16.019, 39.164

 69, 16.019, 39.164

 59, 16.019, 39.164

 49, 16.019, 39.164

 39, 16.019, 39.164

 29, 16.019, 39.164

 19, 16.019, 39.164

 9, 16.019, 39.164

 0, 16.019, 39.164

89, 16.019, 39.164

89, 16.019, 39.164

84, 25.227, 39.229

95, 7.531, 39.221

78, 35.195, 39.446

100, 0.050,
212.734

73, 45.918, 39.870

69, 57.319, 40.531

65, 69.187, 41.418

61, 81.033, 42.416

58, 91.747, 43.142

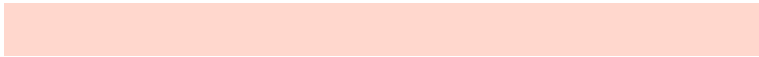
56, 99.562, 43.032

56, 99.831, 43.037

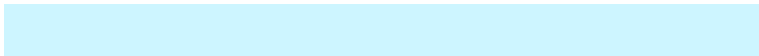
Harmonies

Complementary

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



89, 16.019, 39.164



94, 14.057, 220.254

Rectangle

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



89, 16.019, 39.164



89, 16.019, 89.164



89, 16.019, 219.164



89, 16.019, 269.164

Sweetspot

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



89, 16.018, 39.174



97, 4.631, 39.227



88, 27.319, 331.769



51, 3.080, 39.229



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, 16.018, 39.174



87, 19.973, 39.181



95, 18.755, 91.228



50, 4.453, 39.222



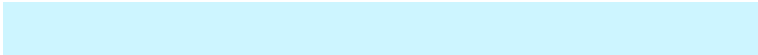
42, 79.990, 43.446



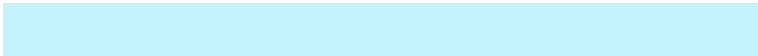
12, 29.979, 37.177

Inverse Universe

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



94, 14.057, 220.254



93, 16.965, 220.499



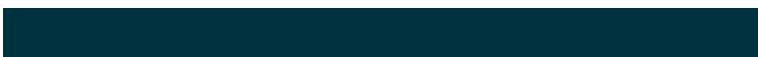
88, 18.816, 276.470



52, 4.195, 219.855



59, 35.398, 235.692



19, 16.152, 230.419

Previews

White Background



This preview shows how the CIELCh color 89, 16.019, 39.164 looks on a white background.

Color Contrast Check

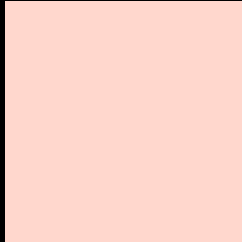
Large Text (above 18pt) WCAG AA × Fail

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, 16.019, 39.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

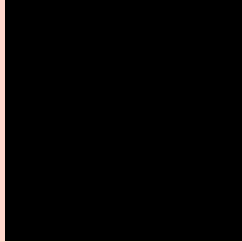
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

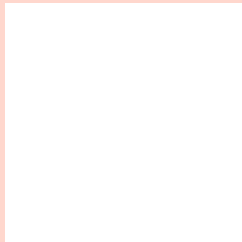
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.019, 39.164

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.019, 39.164.

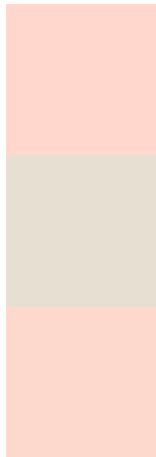


This preview shows how white text looks on a background with the CIELCh color 89, 16.019, 39.164.

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, 16.019, 39.164

Protanopia

89, 7.823, 87.388

Deuteranopia

89, 14.766, 42.866



Tritanopia
89, 17.680, 352.784

Trichromacy



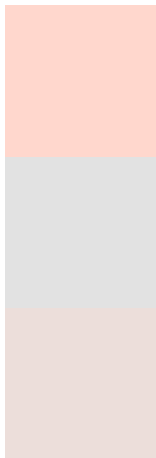
Original Color
89, 16.019, 39.164

Protanomaly
89, 10.058, 61.733

Deuteranomaly
89, 15.124, 42.322

Tritanomaly
89, 15.871, 7.404

Monochromacy



Original Color
89, 16.019, 39.164

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.502, 41.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.019, 39.164 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.019, 39.164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

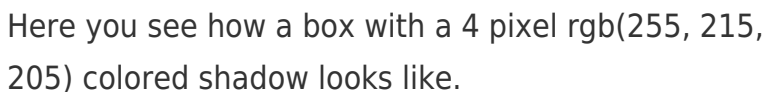
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 205) }
```

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

```
.border{ border-color:rgb(255, 215, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 205); box-shadow:4px 4px 4px 4px rgb(255, 215, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.019, 39.164 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
215, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor