

Converting Colors

CIELCh(89, 16.579, 36.970)

Have a look what the booklet for
CIELCh(89, 16.579, 36.970) contains.

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Color

CIELCh(89, 16.217, 37.066)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CE
RGB	255, 215, 206
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1587, 0.1940
CMYK	0.00, 0.16, 0.19, 0.00
HSL	11°, 100%, 90%
HSV	11°, 19%, 100%
XYZ	76.7117, 74.1641, 68.3656
YIQ	225.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

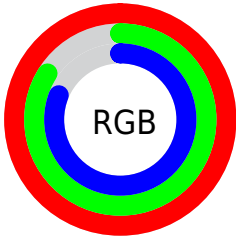
Format	Color
R _Y B	255, 217, 206
Decimal	16766926
CIE Lab	89.00, 12.94, 9.77
CIE LCh	89, 16.217, 37.066
Yxy	74.1641, 0.3499, 0.3383
Android (android.graphics.Color)	4294957006 (0xFFFFD7CE)
YUV	225.9340, -9.8275, 25.4909
Hunter-Lab	86.1186, 8.2945, 13.2154

Details

The CIELCh color **89, 16.217, 37.066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 14.049, 218.002**, 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, 15.929, 36.488** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.310, 37.441**, and if you desaturate by 10%, it is **95, 7.437, 37.241**.

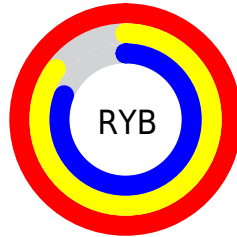
Distribution



Red (100%)

Green (84%)

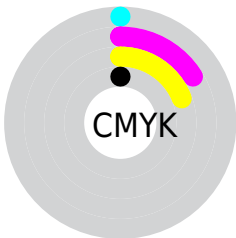
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

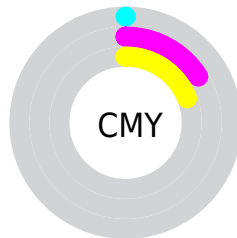


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.217, 37.066 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, 16.217, 37.066 by changing the saturation by 10% instead.

 89, 16.217, 37.066

 89, 16.217, 37.066

 100, 16.217,
37.066

 79, 16.217, 37.066

 69, 16.217, 37.066

 59, 16.217, 37.066

 49, 16.217, 37.066

 39, 16.217, 37.066

 29, 16.217, 37.066

 19, 16.217, 37.066

 9, 16.217, 37.066

 0, 16.217, 37.066

89, 16.217, 37.066

89, 16.217, 37.066

83, 25.310, 37.441

95, 7.437, 37.241

78, 35.377, 37.770

100, 0.012,
296.813

73, 46.201, 38.323

68, 57.696, 39.136

64, 69.647, 40.205

61, 81.565, 41.419

58, 92.348, 42.396

55, 100.159,
42.523

55, 100.573,
42.544

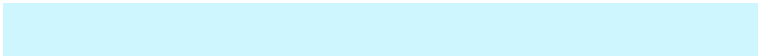
Harmonies

Complementary

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



89, 16.217, 37.066



94, 14.049, 218.002

Rectangle

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



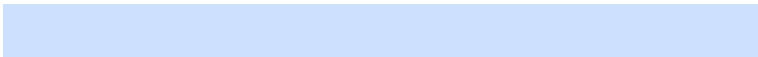
89, 16.217, 37.066



89, 16.217, 87.066



89, 16.217, 217.066



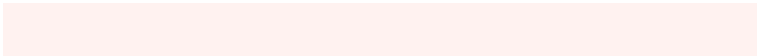
89, 16.217, 267.066

Sweetspot

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



89, 16.008, 37.286



97, 4.681, 37.216



88, 27.667, 330.581



51, 3.113, 37.224



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, 16.008, 37.286



87, 19.271, 37.325



95, 17.981, 88.636



50, 4.501, 37.241



42, 80.572, 42.923



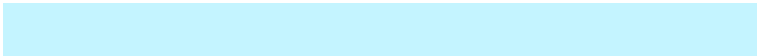
12, 30.243, 36.179

Inverse Universe

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



94, 14.049, 218.002



93, 16.462, 218.159



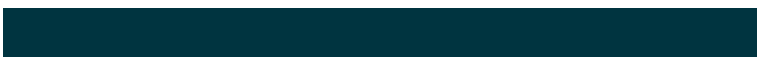
88, 17.907, 273.915



52, 4.236, 217.711



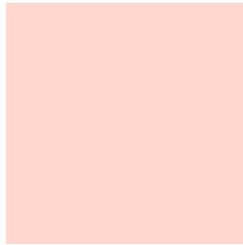
60, 35.157, 231.757



19, 16.133, 226.963

Previews

White Background



This preview shows how the CIELCh color 89, 16.217, 37.066 looks on a white background.

Color Contrast Check

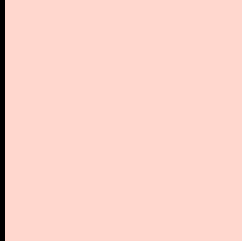
Large Text (above 18pt) WCAG AA × Fail

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, 16.217, 37.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

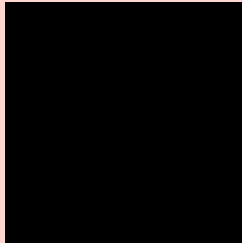
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

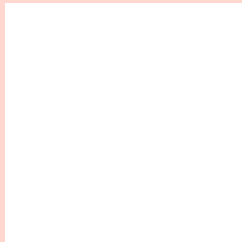
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.217, 37.066

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.217, 37.066.

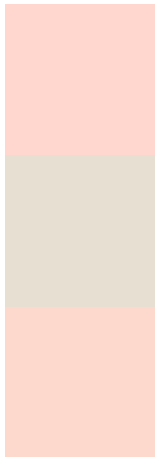


This preview shows how white text looks on a background with the CIELCh color 89, 16.217, 37.066.

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, 15.829, 37.444

Protanopia

89, 7.343, 85.936

Deuteranopia

89, 14.766, 42.866



Tritanopia
89, 17.464, 354.310

Trichromacy



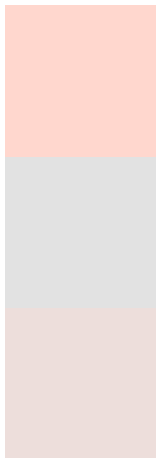
Original Color
89, 15.829, 37.444

Protanomaly
89, 9.706, 59.541

Deuteranomaly
89, 15.288, 40.057

Tritanomaly
89, 15.787, 9.245

Monochromacy



Original Color
89, 15.829, 37.444

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.677, 35.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.217, 37.066 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.217, 37.066 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, 206) }
```

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

```
.border{ border-color:rgb(255, 215, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.217, 37.066 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
215, 206) }
```

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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