

Converting Colors

CIELCh(95, 41.042, 28.503)

Have a look what the booklet for
CIELCh(95, 41.042, 28.503) contains.

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Color

CIELCh(89, 16.435, 35.020)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6CE
RGB	255, 214, 206
RGB Percent	100%, 84%, 81%
CMY	0.0000, 0.1599, 0.1914
CMYK	0.00, 0.16, 0.19, 0.00
HSL	10°, 100%, 90%
HSV	10°, 19%, 100%
XYZ	76.9686, 74.1641, 68.7773
YIQ	225.3470, 27.0040, 6.2040

Conversions

Conversions Part 2

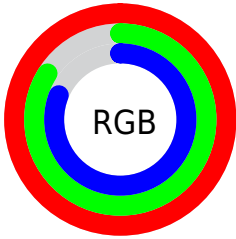
Format	Color
R _Y B	255, 216, 206
Decimal	16766670
CIE Lab	89.00, 13.46, 9.43
CIE LCh	89, 16.435, 35.020
Yxy	74.1641, 0.3500, 0.3372
Android (android.graphics.Color)	4294956750 (0xFFFFD6CE)
YUV	225.3470, -9.5381, 26.0057
Hunter-Lab	86.1186, 8.8271, 12.9320

Details

The CIELCh color **89, 16.435, 35.020** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 14.019, 215.805**, 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, 16.170, 34.324** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.356, 35.693**, and if you desaturate by 10%, it is **95, 7.307, 35.306**.

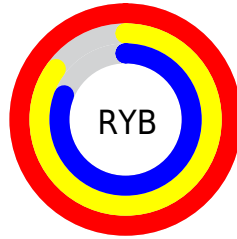
Distribution



Red (100%)

Green (84%)

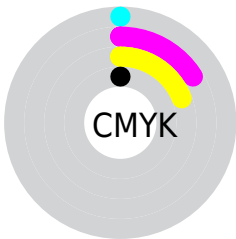
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

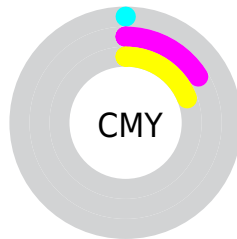


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.435, 35.020 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, 16.435, 35.020 by changing the saturation by 10% instead.

 89, 16.435, 35.020

 89, 16.435, 35.020

 100, 16.435,
35.020

 79, 16.435, 35.020

 69, 16.435, 35.020

 59, 16.435, 35.020

 49, 16.435, 35.020

 39, 16.435, 35.020

 29, 16.435, 35.020

 19, 16.435, 35.020

 9, 16.435, 35.020

 0, 16.435, 35.020

89, 16.435, 35.020

89, 16.435, 35.020

83, 25.356, 35.693

95, 7.307, 35.306

78, 35.519, 36.132

100, 0.012,
296.813

73, 46.436, 36.812

68, 58.016, 37.774

64, 70.034, 39.023

60, 82.004, 40.454

57, 92.837, 41.688

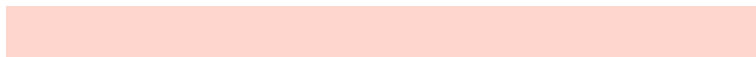
55, 100.635,
42.056

55, 101.216,
42.104

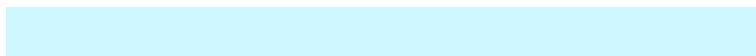
Harmonies

Complementary

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



89, 16.435, 35.020



95, 14.019, 215.805

Rectangle

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



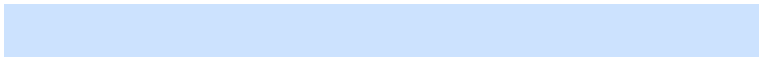
89, 16.435, 35.020



89, 16.435, 85.020



89, 16.435, 215.020



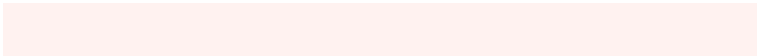
89, 16.435, 265.020

Sweetspot

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



89, 15.962, 35.441



96, 4.736, 35.255



88, 27.610, 329.998



51, 3.150, 35.269



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

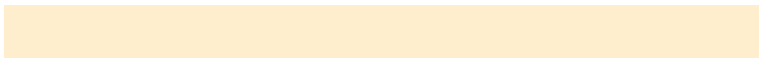
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.962, 35.441



87, 19.501, 35.520



95, 17.465, 87.297



50, 4.554, 35.310



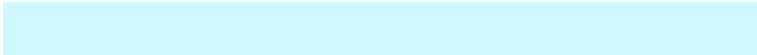
41, 81.114, 42.451



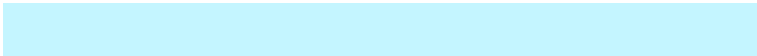
11, 30.503, 35.244

Inverse Universe

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



95, 14.019, 215.805



94, 16.635, 215.932



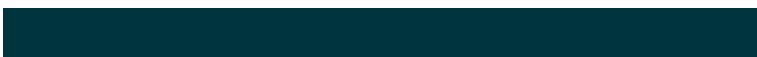
89, 17.326, 272.539



52, 4.283, 215.618



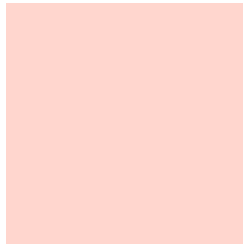
61, 35.068, 227.836



20, 16.168, 223.550

Previews

White Background



This preview shows how the CIELCh color 89, 16.435, 35.020 looks on a white background.

Color Contrast Check

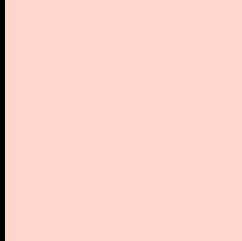
Large Text (above 18pt) WCAG AA × Fail

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, 16.435, 35.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

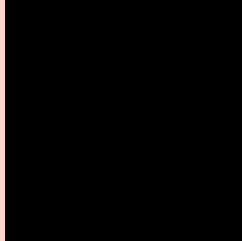
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

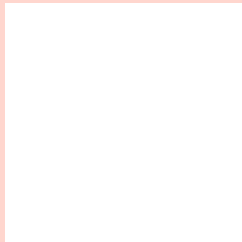
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.435, 35.020

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.435, 35.020.

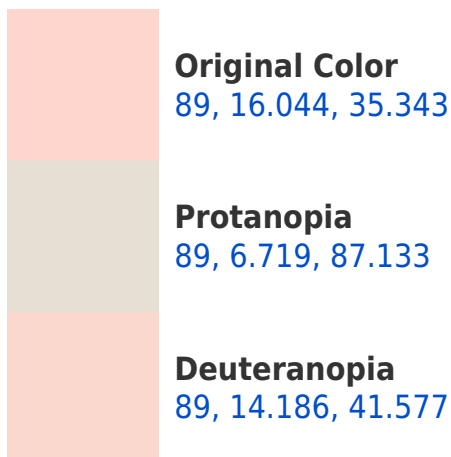


This preview shows how white text looks on a background with the CIELCh color 89, 16.435, 35.020.

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, 17.464, 354.310

Trichromacy



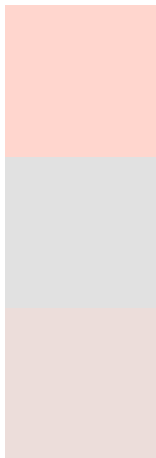
Original Color
89, 16.044, 35.343

Protanomaly
89, 9.073, 58.621

Deuteranomaly
89, 14.724, 38.703

Tritanomaly
89, 15.787, 9.245

Monochromacy



Original Color
89, 16.044, 35.343

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.682, 35.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.435, 35.020 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, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.435, 35.020 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, 214, 206) }
```

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

```
.border{ border-color:rgb(255, 214, 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, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.435, 35.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 206) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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