

Converting Colors

CIELCh(89, 15.989, 4.368)

Have a look what the booklet for
CIELCh(89, 15.989, 4.368) contains.

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Color

CIELCh(89, 16.090, 3.792)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5DE
RGB	255, 213, 222
RGB Percent	100%, 84%, 87%
CMY	0.0000, 0.1645, 0.1292
CMYK	0.00, 0.16, 0.13, 0.00
HSL	347°, 100%, 92%
HSV	347°, 16%, 100%
XYZ	78.2617, 74.1641, 79.3365
YIQ	226.5840, 22.1430, 11.7030

Conversions

Conversions Part 2

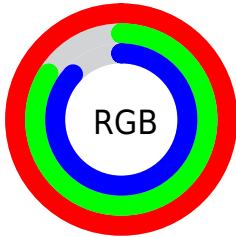
Format	Color
R _Y B	255, 213, 222
Decimal	16766430
CIE Lab	89.00, 16.05, 1.06
CIE LCh	89, 16.090, 3.792
Yxy	74.1641, 0.3377, 0.3200
Android (android.graphics.Color)	4294956510 (0xFFFFD5DE)
YUV	226.5840, -2.2599, 24.9208
Hunter-Lab	86.1186, 11.5072, 5.6623

Details

The CIELCh color **89, 16.090, 3.792** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.078, 180.671**, 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, 16.259, 3.407** is the 20% darker color. If you saturate the color by 10%, you get **83, 26.440, 5.044**, and if you desaturate by 10%, it is **96, 6.140, 2.655**.

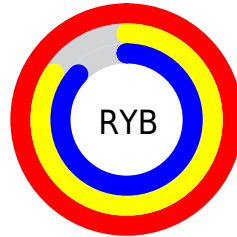
Distribution



Red (100%)

Green (84%)

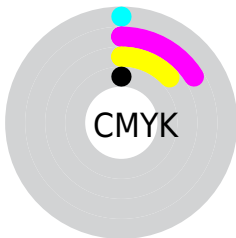
Blue (87%)



Red (100%)

Yellow (84%)

Blue (87%)

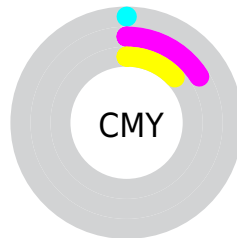


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)

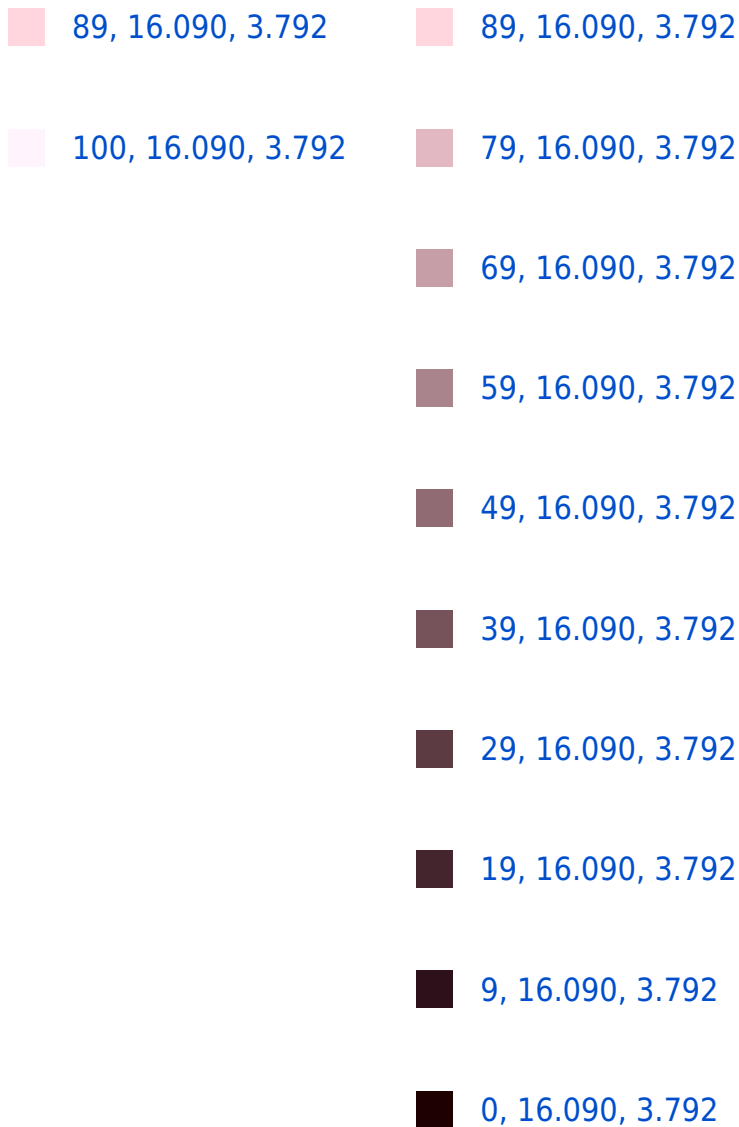
Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.090, 3.792 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, 16.090, 3.792 by changing the saturation by 10% instead.



89, 16.090, 3.792

89, 16.090, 3.792

83, 26.440, 5.044

96, 6.140, 2.655

76, 37.136, 6.570

100, 0.012,
296.813

71, 47.929, 8.449

65, 58.479, 10.807

61, 68.357, 13.799

58, 77.147, 17.584

55, 84.622, 22.245

54, 90.881, 27.632

54, 92.997, 29.533

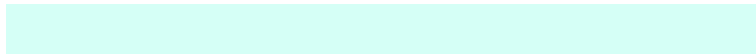
Harmonies

Complementary

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



89, 16.090, 3.792



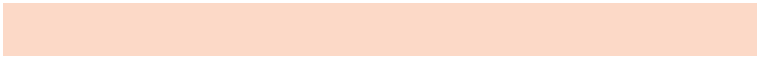
97, 15.078, 180.671

Rectangle

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



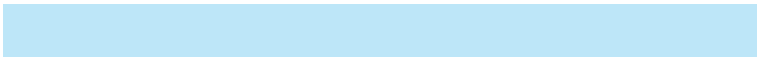
89, 16.090, 3.792



89, 16.090, 53.792



89, 16.090, 183.792



89, 16.090, 233.792

Sweetspot

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



89, 16.066, 3.773



97, 4.745, 2.486



89, 24.717, 319.030



51, 3.243, 2.569



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

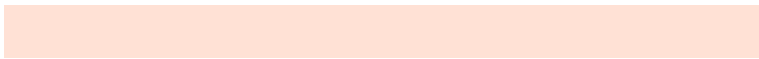
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.066, 3.773



87, 19.706, 4.201



92, 12.797, 48.526



50, 5.458, 2.992



40, 74.242, 28.490



10, 31.899, 17.988

Inverse Universe

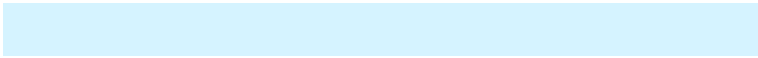
The Inverse Universe completely reimagines the original color for something new.



89, 16.066, 3.773



87, 19.706, 4.201



94, 11.616, 230.790



50, 5.458, 2.992



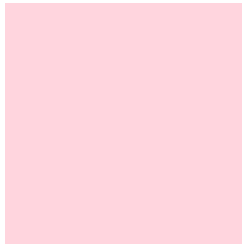
40, 74.242, 28.490



10, 31.899, 17.988

Previews

White Background



This preview shows how the CIELCh color 89, 16.090, 3.792 looks on a white background.

Color Contrast Check

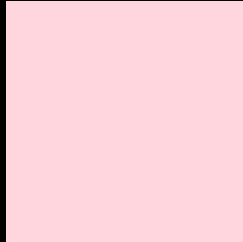
Large Text (above 18pt) WCAG AA × Fail

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, 16.090, 3.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

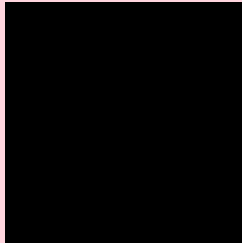
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 16.090, 3.792

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.090, 3.792.



This preview shows how white text looks on a background with the CIELCh color 89, 16.090, 3.792.

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



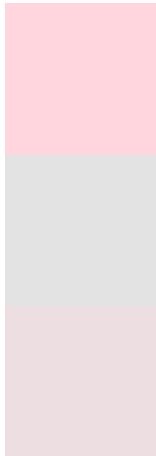
Original Color
89, 16.090, 3.792

Protanomaly
89, 7.465, 350.728

Deuteranomaly
89, 12.365, 8.213

Tritanomaly
89, 17.261, 355.873

Monochromacy



Original Color
89, 16.090, 3.792

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.648, 3.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.090, 3.792 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, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 222)  
}
```

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, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.090, 3.792 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, 213, 222) }
```

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

```
.border{ border-color:rgb(255, 213, 222) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.090, 3.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 222) }
```

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

```
.background{ background-color: rgb(255,  
213, 222) }
```

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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