

Converting Colors

CIELCh(89, 18.489, 67.657)

Have a look what the booklet for
CIELCh(89, 18.489, 67.657) contains.

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Color

CIELCh(89, 18.747, 67.909)

Conversions

Conversions Part 1

Format	Color
Hex	FADABF
RGB	250, 218, 191
RGB Percent	98%, 85%, 75%
CMY	0.0200, 0.1454, 0.2513
CMYK	0.00, 0.13, 0.24, 0.02
HSL	27°, 85%, 86%
HSV	27°, 24%, 98%
XYZ	73.8367, 74.1641, 59.6661
YIQ	224.4900, 27.7390, -1.6130

Conversions

Conversions Part 2

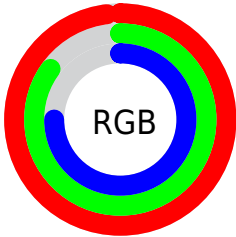
Format	Color
R _Y B	250, 241, 191
Decimal	16439999
CIE Lab	89.00, 7.05, 17.37
CIE LCh	89, 18.747, 67.909
Yxy	74.1641, 0.3556, 0.3571
Android (android.graphics.Color)	4294630079 (0xFFFA _D ABF)
YUV	224.4900, -16.5106, 22.3723
Hunter-Lab	86.1186, 2.3354, 19.2048

Details

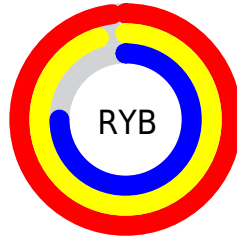
The CIELCh color **89, 18.747, 67.909** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 17.282, 254.116**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **69, 18.557, 67.056** is the 20% darker color. If you saturate the color by 10%, you get **85, 27.443, 66.754**, and if you desaturate by 10%, it is **93, 10.512, 69.074**.

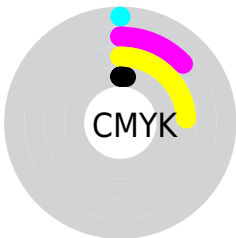
Distribution



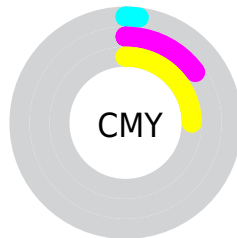
- Red (98%)
- Green (85%)
- Blue (75%)



- Red (98%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 18.747, 67.909 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, 18.747, 67.909 by changing the saturation by 10% instead.

 89, 18.747, 67.909

 89, 18.747, 67.909

 100, 18.747,
67.909

 79, 18.747, 67.909

 69, 18.747, 67.909

 59, 18.747, 67.909

 49, 18.747, 67.909

 39, 18.747, 67.909

 29, 18.747, 67.909

 19, 18.747, 67.909

 9, 18.747, 67.909

 0, 18.747, 67.909

89, 18.747, 67.909

89, 18.747, 67.909

85, 27.443, 66.754

93, 10.512, 69.074

82, 36.611, 65.595

97, 2.708, 70.113

78, 46.212, 64.439

100, 1.766,
199.668

75, 56.115, 63.262

71, 66.000, 61.985

68, 75.189, 60.427

65, 82.511, 58.238

64, 85.985, 56.480

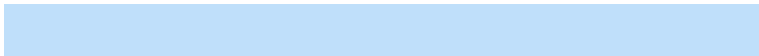
Harmonies

Complementary

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



89, 18.747, 67.909



87, 17.282, 254.116

Rectangle

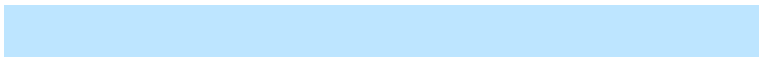
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 18.747, 67.909



89, 18.747, 117.909



89, 18.747, 247.909



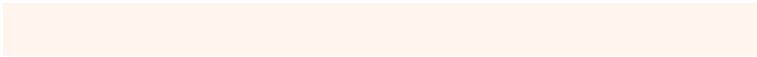
89, 18.747, 297.909

Sweetspot

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



89, 18.747, 67.918



97, 5.399, 69.802



83, 27.291, 343.065



52, 3.514, 69.739



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, 18.747, 67.918



89, 22.883, 67.403



96, 28.434, 105.696



50, 4.343, 69.535



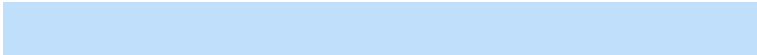
49, 69.303, 57.183



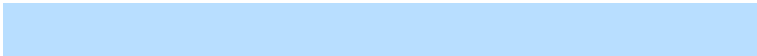
15, 25.917, 57.408

Inverse Universe

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



87, 17.282, 254.116



87, 20.734, 254.926



80, 29.897, 290.977



50, 4.219, 251.962



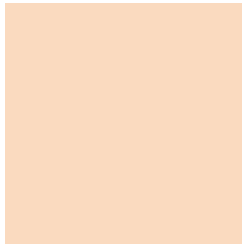
43, 52.932, 279.672



12, 21.286, 272.436

Previews

White Background



This preview shows how the CIELCh color 89, 18.747, 67.909 looks on a white background.

Color Contrast Check

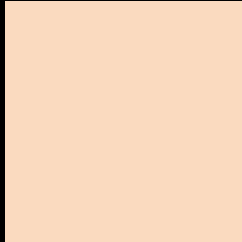
Large Text (above 18pt) WCAG AA × Fail

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, 18.747, 67.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

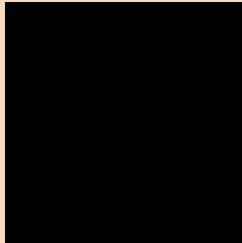
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 18.747, 67.909

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.747, 67.909.



This preview shows how white text looks on a background with the CIELCh color 89, 18.747, 67.909.

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, 18.747, 67.909

Protanopia

89, 15.700, 92.067

Deuteranopia

89, 19.299, 58.101



Tritanopia
89, 17.910, 351.298

Trichromacy



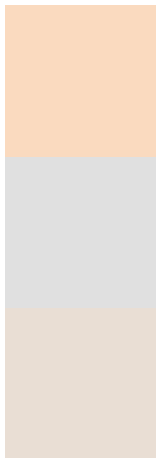
Original Color
89, 18.747, 67.909

Protanomaly
89, 16.249, 82.474

Deuteranomaly
89, 19.096, 62.531

Tritanomaly
89, 14.474, 18.393

Monochromacy



Original Color
89, 18.747, 67.909

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.562, 71.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.747, 67.909 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(250, 218, 191)` looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 191)  
}
```

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(250, 218, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.747, 67.909 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(250, 218, 191) }
```

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

```
.border{ border-color:rgb(250, 218, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 218, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 191);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.747, 67.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 218, 191) }
```

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

```
.background{ background-color: rgb(250,  
218, 191) }
```

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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