

Converting Colors

CIELCh(89, 17.977, 68.239)

Have a look what the booklet for
CIELCh(89, 17.977, 68.239) contains.

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Color

CIELCh(89, 18.079, 67.829)

Conversions

Conversions Part 1

Format	Color
Hex	F9DAC0
RGB	249, 218, 192
RGB Percent	98%, 85%, 75%
CMY	0.0231, 0.1447, 0.2467
CMYK	0.00, 0.12, 0.23, 0.02
HSL	27°, 83%, 87%
HSV	27°, 23%, 98%
XYZ	73.7269, 74.1641, 60.3561
YIQ	224.3050, 26.8220, -1.5140

Conversions

Conversions Part 2

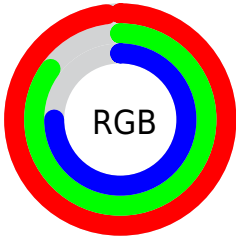
Format	Color
R _Y B	249, 240, 192
Decimal	16374464
CIE Lab	89.00, 6.82, 16.74
CIE LCh	89, 18.079, 67.829
Yxy	74.1641, 0.3540, 0.3561
Android (android.graphics.Color)	4294564544 (0xFFF9DAC0)
YUV	224.3050, -15.9264, 21.6575
Hunter-Lab	86.1186, 2.1079, 18.7297

Details

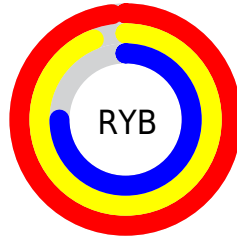
The CIELCh color **89, 18.079, 67.829** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 16.703, 253.813**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **69, 18.272, 68.011** is the 20% darker color. If you saturate the color by 10%, you get **85, 26.717, 66.679**, and if you desaturate by 10%, it is **93, 9.902, 68.988**.

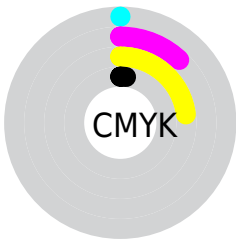
Distribution



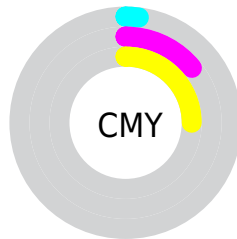
- Red (98%)
- Green (85%)
- Blue (75%)



- Red (98%)
- Yellow (94%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 18.079, 67.829 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, 18.079, 67.829 by changing the saturation by 10% instead.

 89, 18.079, 67.829

 89, 18.079, 67.829

 100, 18.079,
67.829

 79, 18.079, 67.829

 69, 18.079, 67.829

 59, 18.079, 67.829

 49, 18.079, 67.829

 39, 18.079, 67.829

 29, 18.079, 67.829

 19, 18.079, 67.829

 9, 18.079, 67.829

 0, 18.079, 67.829

89, 18.079, 67.829

89, 18.079, 67.829

85, 26.717, 66.679

93, 9.902, 68.988

82, 35.827, 65.524

97, 2.153, 69.981

78, 45.378, 64.375

100, 2.045,
199.600

74, 55.249, 63.207

71, 65.139, 61.950

68, 74.406, 60.432

65, 81.914, 58.313

63, 85.835, 56.374

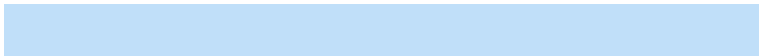
Harmonies

Complementary

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



89, 18.079, 67.829



87, 16.703, 253.813

Rectangle

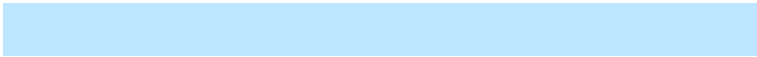
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 18.079, 67.829



89, 18.079, 117.829



89, 18.079, 247.829



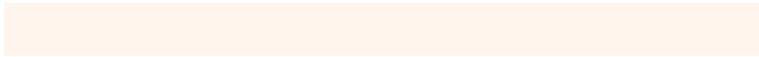
89, 18.079, 297.829

Sweetspot

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



89, 18.079, 67.839



97, 5.395, 69.632



84, 26.377, 342.995



52, 3.511, 69.569



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, 18.079, 67.839



89, 21.993, 67.357



96, 27.499, 105.771



50, 4.340, 69.366



49, 69.353, 57.069



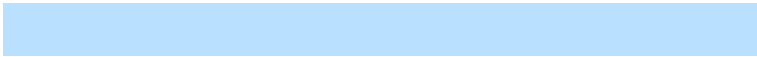
15, 25.923, 57.260

Inverse Universe

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



87, 16.703, 253.813



87, 19.991, 254.558



80, 28.865, 290.871



50, 4.215, 251.788



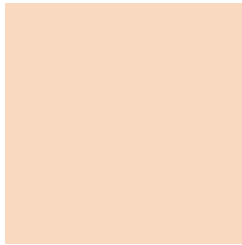
43, 52.770, 279.501



12, 21.229, 272.255

Previews

White Background



This preview shows how the CIELCh color 89, 18.079, 67.829 looks on a white background.

Color Contrast Check

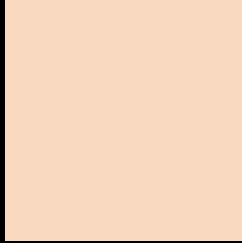
Large Text (above 18pt) WCAG AA × Fail

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, 18.079, 67.829 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, 18.079, 67.829

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.079, 67.829.



This preview shows how white text looks on a background with the CIELCh color 89, 18.079, 67.829.

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, 18.079, 67.829

Protanopia

89, 15.093, 92.952

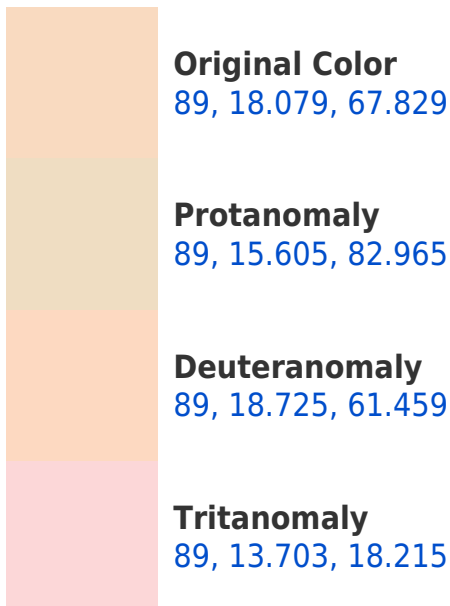
Deuteranopia

89, 18.956, 56.958



Tritanopia
89, 17.022, 351.542

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 18.079, 67.829 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(249, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(249, 218, 192)  
}
```

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(249, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 218, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 18.079, 67.829 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(249, 218, 192) }
```

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

```
.border{ border-color:rgb(249, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(249, 218,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 18.079, 67.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 218, 192) }
```

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

```
.background{ background-color: rgb(249,  
218, 192) }
```

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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