

Converting Colors

CIELCh(89, 19.634, 70.597)

Have a look what the booklet for
CIELCh(89, 19.634, 70.597) contains.

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Color

CIELCh(89, 19.569, 69.746)

Conversions

Conversions Part 1

Format	Color
Hex	FADABD
RGB	250, 218, 189
RGB Percent	98%, 85%, 74%
CMY	0.0195, 0.1450, 0.2587
CMYK	0.00, 0.13, 0.24, 0.02
HSL	29°, 86%, 86%
HSV	29°, 24%, 98%
XYZ	73.7038, 74.1641, 58.5917
YIQ	224.2620, 28.3810, -2.2350

Conversions

Conversions Part 2

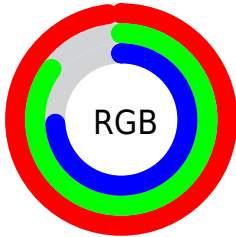
Format	Color
R _Y B	250, 244, 189
Decimal	16439997
CIE Lab	89.00, 6.77, 18.36
CIE LCh	89, 19.569, 69.746
Yxy	74.1641, 0.3570, 0.3592
Android (android.graphics.Color)	4294630077 (0xFFFDABD)
YUV	224.2620, -17.3842, 22.5722
Hunter-Lab	86.1186, 2.0600, 19.9444

Details

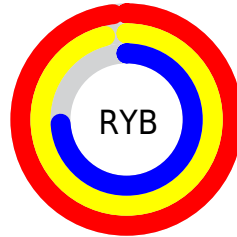
The CIELCh color **89, 19.569, 69.746** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 18.122, 256.337**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **69, 19.421, 68.996** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.325, 68.543**, and if you desaturate by 10%, it is **93, 11.252, 70.953**.

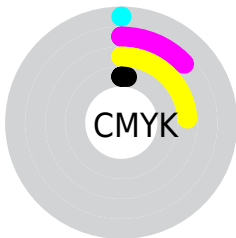
Distribution



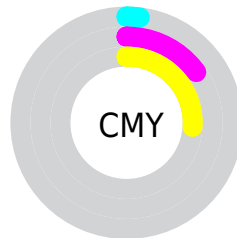
- Red (98%)
- Green (85%)
- Blue (74%)



- Red (98%)
- Yellow (96%)
- Blue (74%)



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



- Cyan (2%)
- Magenta (15%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 19.569, 69.746 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, 19.569, 69.746 by changing the saturation by 10% instead.

 89, 19.569, 69.746

 89, 19.569, 69.746

 100, 19.569,
69.746

 79, 19.569, 69.746

 69, 19.569, 69.746

 59, 19.569, 69.746

 49, 19.569, 69.746

 39, 19.569, 69.746

 29, 19.569, 69.746

 19, 19.569, 69.746

 9, 19.569, 69.746

 0, 19.569, 69.746

89, 19.569, 69.746

89, 19.569, 69.746

85, 28.325, 68.543

93, 11.252, 70.953

82, 37.521, 67.329

97, 3.347, 72.060

78, 47.109, 66.107

100, 1.724,
199.680

75, 56.936, 64.849

72, 66.651, 63.471

69, 75.532, 61.785

66, 82.393, 59.441

65, 85.266, 57.851

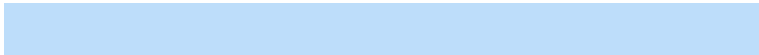
Harmonies

Complementary

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



89, 19.569, 69.746



87, 18.122, 256.337

Rectangle

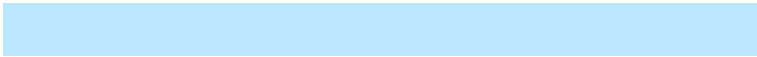
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 19.569, 69.746



89, 19.569, 119.746



89, 19.569, 249.746



89, 19.569, 299.746

Sweetspot

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



89, 19.569, 69.755



97, 5.453, 71.799



83, 27.928, 344.029



52, 3.549, 71.733



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, 19.569, 69.755



89, 23.924, 69.194



96, 29.866, 106.367



50, 4.385, 71.523



50, 68.725, 58.558



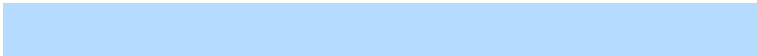
15, 25.863, 59.179

Inverse Universe

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



87, 18.122, 256.337



86, 21.791, 257.211



79, 31.529, 291.775



50, 4.271, 253.999



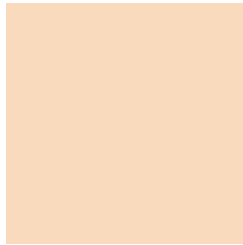
42, 54.889, 281.630



12, 21.968, 274.526

Previews

White Background



This preview shows how the CIELCh color 89, 19.569, 69.746 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, 19.569, 69.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

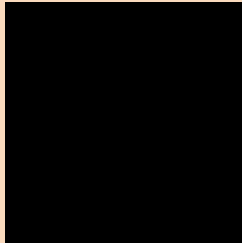
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 19.569, 69.746

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.569, 69.746.



This preview shows how white text looks on a background with the CIELCh color 89, 19.569, 69.746.

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, 19.569, 69.746

Protanopia

89, 16.697, 92.964

Deuteranopia

89, 19.650, 59.203



Tritanopia
89, 17.910, 351.298

Trichromacy



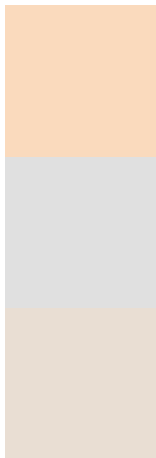
Original Color
89, 19.569, 69.746

Protanomaly
89, 17.194, 83.863

Deuteranomaly
89, 19.474, 63.561

Tritanomaly
89, 14.492, 20.432

Monochromacy



Original Color
89, 19.569, 69.746

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.983, 74.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.569, 69.746 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.569, 69.746 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, 189) }
```

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

```
.border{ border-color:rgb(250, 218, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.569, 69.746 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, 189) }
```

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

```
.background{ background-color: rgb(250,  
218, 189) }
```

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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