

Converting Colors

CIELCh(100, 59.016, 37.972)

Have a look what the booklet for
CIELCh(100, 59.016, 37.972)
contains.

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Color

CIELCh(89, 21.699, 67.359)

Conversions

Conversions Part 1

Format	Color
Hex	FED9BA
RGB	254, 217, 186
RGB Percent	100%, 85%, 73%
CMY	0.0045, 0.1494, 0.2708
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 97%, 86%
HSV	27°, 27%, 100%
XYZ	74.4663, 74.1641, 56.8081
YIQ	224.5290, 32.0030, -1.7970

Conversions

Conversions Part 2

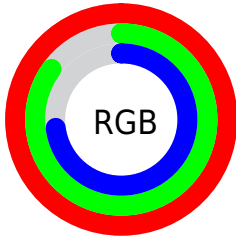
Format	Color
RYB	254, 243, 186
Decimal	16701882
CIELab	89.00, 8.35, 20.03
CIELCh	89, 21.699, 67.359
Yxy	74.1641, 0.3625, 0.3610
Android (android.graphics.Color)	4294891962 (0xFF FED9BA)
YUV	224.5290, -18.9948, 25.8461
Hunter-Lab	86.1186, 3.6405, 21.1724

Details

The CIELCh color **89, 21.699, 67.359** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.742, 254.491**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **69, 21.744, 66.444** is the 20% darker color. If you saturate the color by 10%, you get **85, 30.658, 66.208**, and if you desaturate by 10%, it is **93, 13.217, 68.525**.

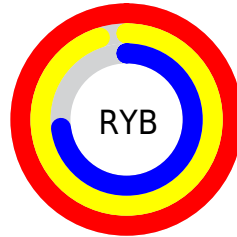
Distribution



Red (100%)

Green (85%)

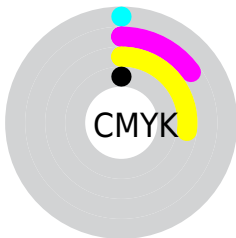
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

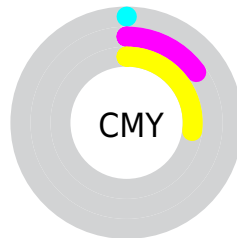


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 21.699, 67.359 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, 21.699, 67.359 by changing the saturation by 10% instead.

 89, 21.699, 67.359

 89, 21.699, 67.359

 100, 21.699,
67.359

 79, 21.699, 67.359

 69, 21.699, 67.359

 59, 21.699, 67.359

 49, 21.699, 67.359

 39, 21.699, 67.359

 29, 21.699, 67.359

 19, 21.699, 67.359

 9, 21.699, 67.359

 0, 21.699, 67.359

89, 21.699, 67.359

89, 21.699, 67.359

85, 30.658, 66.208

93, 13.217, 68.525

81, 40.092, 65.056

97, 5.184, 69.638

78, 49.941, 63.904

100, 0.396,
201.054

74, 60.024, 62.713

71, 69.922, 61.381

68, 78.792, 59.675

65, 85.340, 57.197

65, 87.106, 56.320

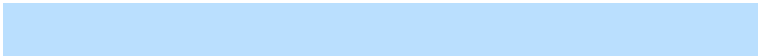
Harmonies

Complementary

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



89, 21.699, 67.359



87, 19.742, 254.491

Rectangle

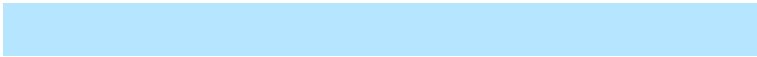
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 21.699, 67.359



89, 21.699, 117.359



89, 21.699, 247.359



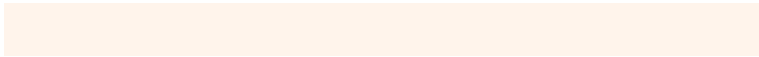
89, 21.699, 297.359

Sweetspot

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



89, 21.699, 67.367



97, 6.182, 69.508



83, 31.373, 343.378



51, 4.412, 69.345



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, 21.699, 67.367



87, 26.433, 66.758



97, 32.599, 105.370



51, 4.412, 69.345



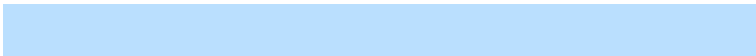
49, 70.073, 57.018



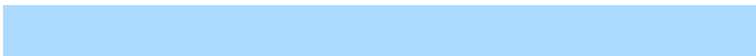
15, 27.115, 57.491

Inverse Universe

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



87, 19.742, 254.491



85, 23.547, 255.519



79, 34.543, 291.454



51, 4.285, 251.770



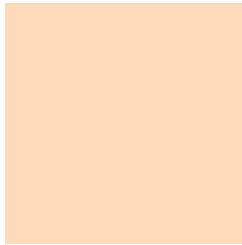
44, 53.328, 279.530



13, 21.929, 272.648

Previews

White Background



This preview shows how the CIE LCh color 89, 21.699, 67.359 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, 21.699, 67.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

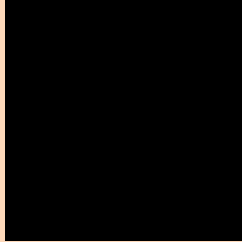
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 21.699, 67.359

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.699, 67.359.



This preview shows how white text looks on a background with the CIELCh color 89, 21.699, 67.359.

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, 21.721, 67.347

Protanopia

89, 18.302, 92.939

Deuteranopia

89, 20.008, 60.263



Tritanopia
89, 16.913, 355.303

Trichromacy



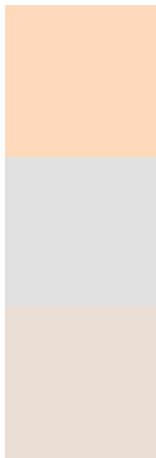
Original Color
89, 21.721, 67.347

Protanomaly
89, 18.954, 83.507

Deuteranomaly
89, 20.745, 62.267

Tritanomaly
89, 15.346, 24.333

Monochromacy



Original Color
89, 21.721, 67.347

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 7.693, 67.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.699, 67.359 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(254, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 186)  
}
```

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(254, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.699, 67.359 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(254, 217, 186) }
```

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

```
.border{ border-color:rgb(254, 217, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 217, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.699, 67.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 186) }
```

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

```
.background{ background-color: rgb(254,  
217, 186) }
```

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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