

Converting Colors

CIELCh(100, 58.000, 37.788)

Have a look what the booklet for
CIELCh(100, 58.000, 37.788)
contains.

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Color

CIELCh(89, 21.297, 66.517)

Conversions

Conversions Part 1

Format	Color
Hex	FED9BB
RGB	254, 217, 187
RGB Percent	100%, 85%, 73%
CMY	0.0047, 0.1496, 0.2671
CMYK	0.00, 0.15, 0.26, 0.00
HSL	27°, 97%, 86%
HSV	27°, 26%, 100%
XYZ	74.5309, 74.1641, 57.3322
YIQ	224.6430, 31.6820, -1.4860

Conversions

Conversions Part 2

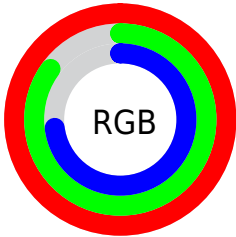
Format	Color
RYB	254, 241, 187
Decimal	16701883
CIELab	89.00, 8.49, 19.53
CIELCh	89, 21.297, 66.517
Yxy	74.1641, 0.3618, 0.3600
Android (android.graphics.Color)	4294891963 (0xFF FED9BB)
YUV	224.6430, -18.5580, 25.7461
Hunter-Lab	86.1186, 3.7743, 20.8116

Details

The CIELCh color **89, 21.297, 66.517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 19.333, 253.444**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **69, 21.321, 65.564** is the 20% darker color. If you saturate the color by 10%, you get **85, 30.233, 65.391**, and if you desaturate by 10%, it is **93, 12.849, 67.662**.

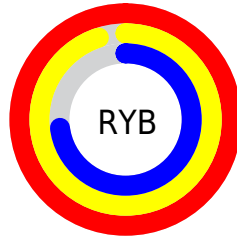
Distribution



Red (100%)

Green (85%)

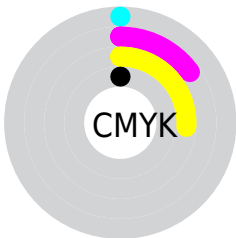
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

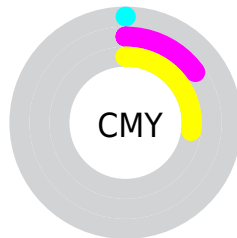


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 21.297, 66.517 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, 21.297, 66.517 by changing the saturation by 10% instead.

 89, 21.297, 66.517

 89, 21.297, 66.517

 100, 21.297,
66.517

 79, 21.297, 66.517

 69, 21.297, 66.517

 59, 21.297, 66.517

 49, 21.297, 66.517

 39, 21.297, 66.517

 29, 21.297, 66.517

 19, 21.297, 66.517

 9, 21.297, 66.517

 0, 21.297, 66.517

89, 21.297, 66.517

89, 21.297, 66.517

85, 30.233, 65.391

93, 12.849, 67.662

81, 39.658, 64.268

97, 4.859, 68.750

78, 49.520, 63.150

100, 0.416,
200.970

74, 59.647, 62.002

71, 69.639, 60.724

68, 78.673, 59.087

65, 85.443, 56.687

64, 87.454, 55.714

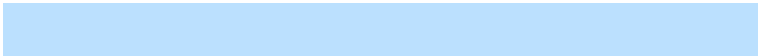
Harmonies

Complementary

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



89, 21.297, 66.517



87, 19.333, 253.444

Rectangle

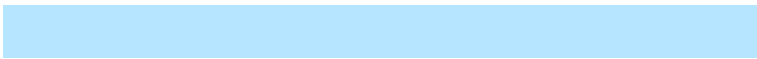
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 21.297, 66.517



89, 21.297, 116.517



89, 21.297, 246.517



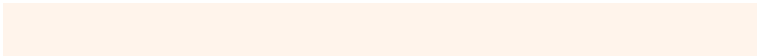
89, 21.297, 296.517

Sweetspot

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



89, 21.297, 66.526



97, 6.157, 68.583



83, 31.241, 342.468



51, 4.395, 68.423



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, 21.297, 66.526



87, 26.370, 65.884



97, 31.615, 104.628



51, 4.395, 68.423



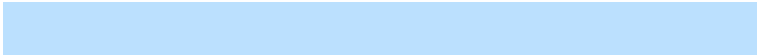
49, 70.355, 56.410



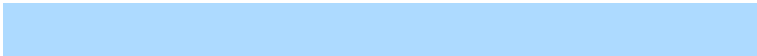
15, 27.151, 56.706

Inverse Universe

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



87, 19.333, 253.444



85, 23.380, 254.536



79, 33.386, 290.691



51, 4.262, 250.822



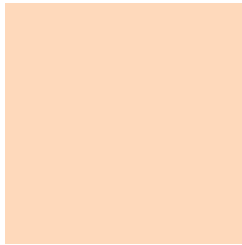
44, 52.447, 278.590



13, 21.615, 271.654

Previews

White Background



This preview shows how the CIE LCh color 89, 21.297, 66.517 looks on a white background.

Color Contrast Check

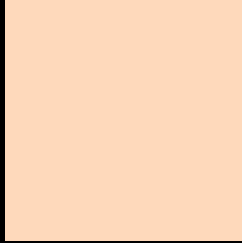
Large Text (above 18pt) WCAG AA × Fail

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, 21.297, 66.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

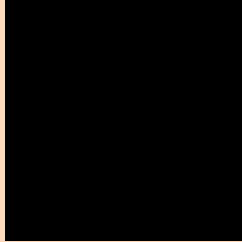
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 21.297, 66.517

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.297, 66.517.



This preview shows how white text looks on a background with the CIELCh color 89, 21.297, 66.517.

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, 21.318, 66.506

Protanopia

89, 17.698, 93.750

Deuteranopia

89, 20.008, 60.263



Tritanopia
89, 16.913, 355.303

Trichromacy



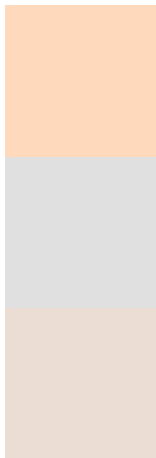
Original Color
89, 21.318, 66.506

Protanomaly
89, 18.480, 82.899

Deuteranomaly
89, 20.373, 61.284

Tritanomaly
89, 15.346, 24.333

Monochromacy



Original Color
89, 21.318, 66.506

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 7.309, 64.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.297, 66.517 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.297, 66.517 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, 187) }
```

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

```
.border{ border-color:rgb(254, 217, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.297, 66.517 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, 187) }
```

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

```
.background{ background-color: rgb(254,  
217, 187) }
```

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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