

Converting Colors

CIELCh(95, 52.744, 55.405)

Have a look what the booklet for
CIELCh(95, 52.744, 55.405) contains.

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Color

CIELCh(89, 34.397, 81.080)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA9F
RGB	255, 218, 159
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1448, 0.3764
CMYK	0.00, 0.14, 0.38, 0.00
HSL	37°, 100%, 81%
HSV	37°, 38%, 100%
XYZ	73.0123, 74.1641, 43.2809
YIQ	222.3370, 40.9910, -10.5050

Conversions

Conversions Part 2

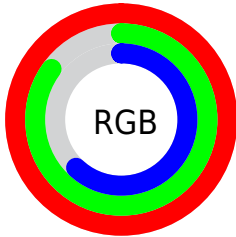
Format	Color
R_{YB}	219, 255, 159
Decimal	16767647
CIE _{Lab}	89.00, 5.33, 33.98
CIE _{LCh}	89, 34.397, 81.080
Yxy	74.1641, 0.3834, 0.3894
Android (android.graphics.Color)	4294957727 (0xFFFFDA9F)
YUV	222.3370, -31.2251, 28.6455
Hunter-Lab	86.1186, 0.6268, 30.4855

Details

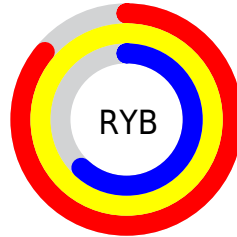
The CIELCh color **89, 34.397, 81.080** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.020, 273.240**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **69, 34.093, 81.337** is the 20% darker color. If you saturate the color by 10%, you get **86, 43.763, 80.346**, and if you desaturate by 10%, it is **92, 24.764, 83.157**.

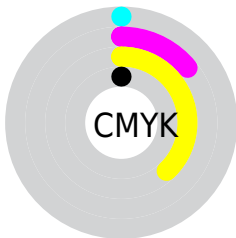
Distribution



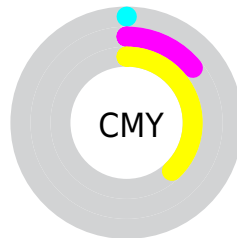
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (86%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 34.397, 81.080 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, 34.397, 81.080 by changing the saturation by 10% instead.

 89, 34.397, 81.080

 89, 34.397, 81.080

 100, 34.397,
81.080

 79, 34.397, 81.080

 69, 34.397, 81.080

 59, 34.397, 81.080

 49, 34.397, 81.080

 39, 34.397, 81.080

 29, 34.397, 81.080

 19, 34.397, 81.080

 9, 34.397, 81.080

 0, 34.397, 81.080

89, 34.397, 81.080

89, 34.397, 81.080

86, 43.763, 80.346

92, 24.764, 83.157

83, 53.367, 78.864

95, 15.578, 84.500

81, 62.692, 77.292

98, 6.644, 85.781

78, 71.181, 75.544

100, 0.012,
296.813

76, 77.934, 73.453

74, 81.975, 70.779

73, 82.717, 70.109

Harmonies

Complementary

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



89, 34.397, 81.080



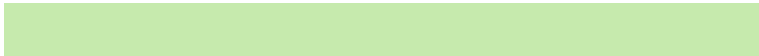
78, 33.020, 273.240

Rectangle

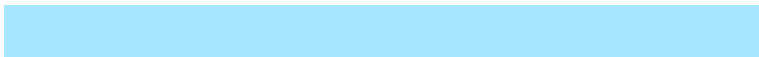
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 34.397, 81.080



89, 34.397, 131.080



89, 34.397, 261.080



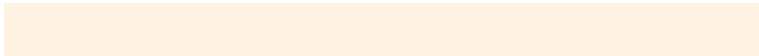
89, 34.397, 311.080

Sweetspot

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



89, 34.180, 81.773



97, 9.622, 85.360



76, 40.812, 353.607



51, 6.479, 85.187



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, 34.180, 81.773



87, 41.228, 80.726



97, 47.987, 111.020



52, 4.962, 85.549



56, 66.570, 70.732



18, 27.513, 73.382

Inverse Universe

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



78, 33.020, 273.240



74, 39.610, 275.018



70, 52.769, 298.224



50, 4.931, 268.119



35, 72.508, 293.564



9, 29.105, 287.978

Previews

White Background



This preview shows how the CIE LCh color 89, 34.397, 81.080 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, 34.397, 81.080 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, 34.397, 81.080

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.397, 81.080.



This preview shows how white text looks on a background with the CIELCh color 89, 34.397, 81.080.

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, 34.173, 81.703

Protanopia

89, 32.692, 95.534

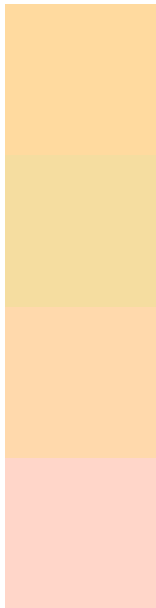
Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 17.072, 357.474

Trichromacy



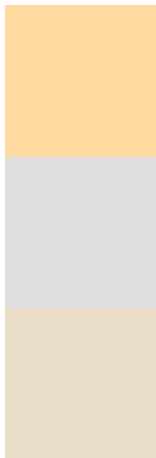
Original Color
89, 34.173, 81.703

Protanomaly
89, 32.995, 90.587

Deuteranomaly
89, 27.976, 75.594

Tritanomaly
89, 17.053, 43.550

Monochromacy



Original Color
89, 34.173, 81.703

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 12.420, 86.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.397, 81.080 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(255, 218, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 159)  
}
```

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(255, 218, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.397, 81.080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

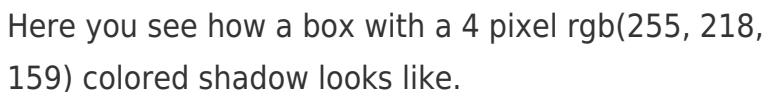
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 218, 159) }
```

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

```
.border{ border-color:rgb(255, 218, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 218, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 159); box-shadow:4px 4px 4px 4px rgb(255, 218, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.397, 81.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 159) }
```

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

```
.background{ background-color: rgb(255,  
218, 159) }
```

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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