

Converting Colors

CIELCh(89, 34.100, 90.311)

Have a look what the booklet for
CIELCh(89, 34.100, 90.311) contains.

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Color

CIELCh(89, 34.561, 90.515)

Conversions

Conversions Part 1

Format	Color
Hex	F7DE9E
RGB	247, 222, 158
RGB Percent	97%, 87%, 62%
CMY	0.0331, 0.1311, 0.3820
CMYK	0.00, 0.10, 0.36, 0.03
HSL	43°, 84%, 79%
HSV	43°, 36%, 97%
XYZ	70.3457, 74.1641, 42.7720
YIQ	222.1790, 35.4440, -14.6040

Conversions

Conversions Part 2

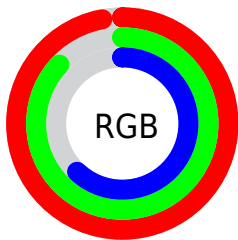
Format	Color
RYB	193, 247, 158
Decimal	16244382
CIELab	89.00, -0.31, 34.56
CIElCh	89, 34.561, 90.515
Yxy	74.1641, 0.3756, 0.3960
Android (android.graphics.Color)	4294434462 (0xFFFF7DE9E)
YUV	222.1790, -31.6402, 21.7680
Hunter-Lab	86.1186, -4.9003, 30.8358

Details

The CIELCh color **89, 34.561, 90.515** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 35.114, 280.852**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **69, 34.420, 90.728** is the 20% darker color. If you saturate the color by 10%, you get **87, 44.273, 89.165**, and if you desaturate by 10%, it is **91, 24.842, 91.838**.

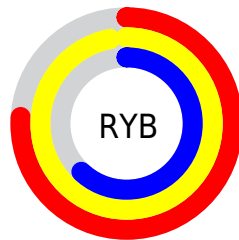
Distribution



Red (97%)

Green (87%)

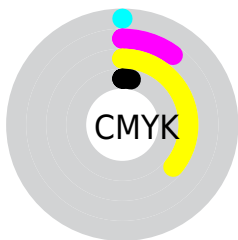
Blue (62%)



Red (76%)

Yellow (97%)

Blue (62%)

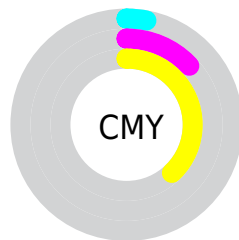


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 34.561, 90.515 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, 34.561, 90.515 by changing the saturation by 10% instead.

89, 34.561, 90.515

89, 34.561, 90.515

100, 34.561,
90.515

79, 34.561, 90.515

69, 34.561, 90.515

59, 34.561, 90.515

49, 34.561, 90.515

39, 34.561, 90.515

29, 34.561, 90.515

19, 34.561, 90.515

9, 34.561, 90.515

0, 34.561, 90.515

89, 34.561, 90.515

89, 34.561, 90.515

87, 44.273, 89.165

91, 24.842, 91.838

85, 53.796, 87.771

93, 15.206, 93.114

83, 62.807, 86.320

96, 5.699, 94.329

81, 70.757, 84.772

98, 3.065, 272.584

79, 76.833, 83.040

99, 2.923, 199.446

78, 80.185, 80.984

77, 80.963, 80.110

Harmonies

Complementary

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



89, 34.561, 90.515



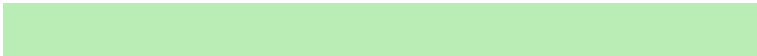
75, 35.114, 280.852

Rectangle

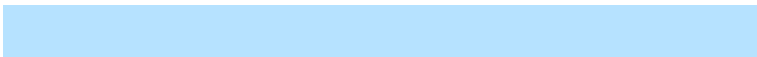
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 34.561, 90.515



89, 34.561, 140.515



89, 34.561, 270.515



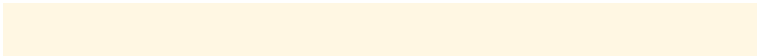
89, 34.561, 320.515

Sweetspot

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



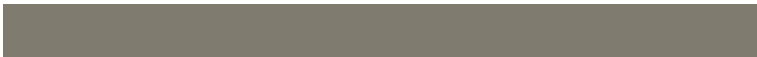
89, 34.562, 90.520



97, 10.645, 93.741



74, 36.354, 1.424



52, 7.161, 93.574



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, 34.562, 90.520



90, 42.434, 89.576



94, 45.380, 116.220



50, 5.313, 93.927



59, 65.633, 80.567



18, 26.582, 83.322

Inverse Universe

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



75, 35.114, 280.852



72, 43.373, 282.389



70, 49.302, 301.691



48, 5.340, 276.342



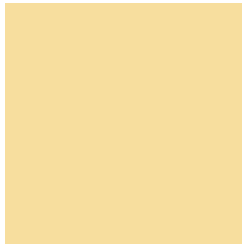
29, 83.585, 299.290



6, 31.561, 293.256

Previews

White Background



This preview shows how the CIELCh color 89, 34.561, 90.515 looks on a white background.

Color Contrast Check

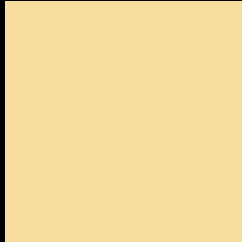
Large Text (above 18pt) WCAG AA × Fail

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, 34.561, 90.515 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, 34.561, 90.515

Background



This preview shows how black text looks on a background with the CIELCh color 89, 34.561, 90.515.



This preview shows how white text looks on a background with the CIELCh color 89, 34.561, 90.515.

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, 34.561, 90.515

Protanopia

89, 34.272, 95.232

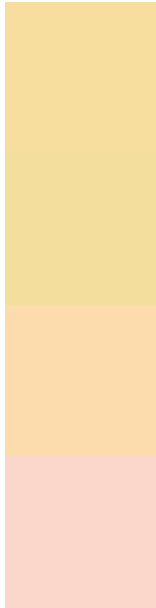
Deuteranopia

89, 24.477, 71.029



Tritanopia
89, 17.592, 350.672

Trichromacy



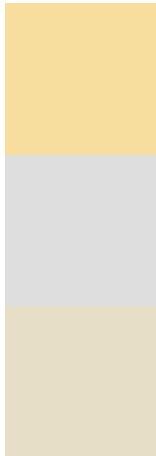
Original Color
89, 34.561, 90.515

Protanomaly
89, 34.098, 93.108

Deuteranomaly
89, 27.772, 80.058

Tritanomaly
89, 15.016, 44.629

Monochromacy



Original Color
89, 34.561, 90.515

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 12.396, 93.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 34.561, 90.515 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(247, 222, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 158)  
}
```

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(247, 222, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 34.561, 90.515 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(247, 222, 158) }
```

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

```
.border{ border-color:rgb(247, 222, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 222, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 222, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 222, 158); box-shadow:4px 4px 4px 4px rgb(247, 222, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 34.561, 90.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 158) }
```

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

```
.background{ background-color: rgb(247,  
222, 158) }
```

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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