

Converting Colors

CIELCh(92, 43.274, 66.623)

Have a look what the booklet for
CIELCh(92, 43.274, 66.623) contains.

CIELCh(89, 35.112, 82.291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 35.112, 82.291)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA9D
RGB	255, 218, 157
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1434, 0.3827
CMYK	0.00, 0.14, 0.38, 0.00
HSL	38°, 100%, 81%
HSV	38°, 38%, 100%
XYZ	72.7145, 74.1641, 42.5664
YIQ	222.1090, 41.6330, -11.1270

Conversions

Conversions Part 2

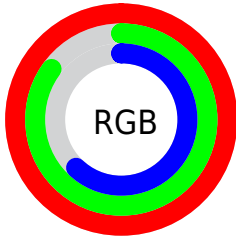
Format	Color
RYB	216, 255, 157
Decimal	16767645
CIELab	89.00, 4.71, 34.79
CIELCh	89, 35.112, 82.291
Yxy	74.1641, 0.3838, 0.3915
Android (android.graphics.Color)	4294957725 (0xFFFFDA9D)
YUV	222.1090, -32.0987, 28.8454
Hunter-Lab	86.1186, 0.0095, 30.9774

Details

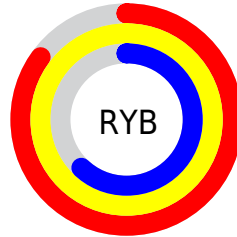
The CIELCh color **89, 35.112, 82.291** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 34.016, 274.239**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **69, 35.070, 81.914** is the 20% darker color. If you saturate the color by 10%, you get **86, 44.643, 81.140**, and if you desaturate by 10%, it is **92, 25.554, 83.957**.

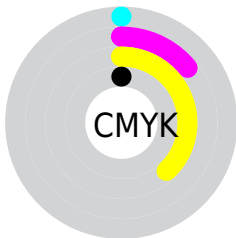
Distribution



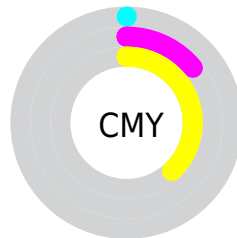
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (85%)
- 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, 35.112, 82.291 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, 35.112, 82.291 by changing the saturation by 10% instead.

 89, 35.112, 82.291

 89, 35.112, 82.291

 100, 35.112,
82.291

 79, 35.112, 82.291

 69, 35.112, 82.291

 59, 35.112, 82.291

 49, 35.112, 82.291

 39, 35.112, 82.291

 29, 35.112, 82.291

 19, 35.112, 82.291

 9, 35.112, 82.291

 0, 35.112, 82.291

89, 35.112, 82.291

89, 35.112, 82.291

86, 44.643, 81.140

92, 25.554, 83.957

84, 54.239, 79.654

95, 16.293, 85.301

81, 63.497, 78.075

98, 7.270, 86.587

79, 71.835, 76.316

100, 0.012,
296.813

76, 78.332, 74.212

74, 82.096, 71.543

74, 82.620, 71.060

Harmonies

Complementary

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



89, 35.112, 82.291



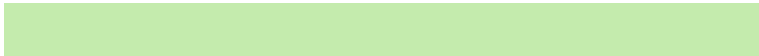
78, 34.016, 274.239

Rectangle

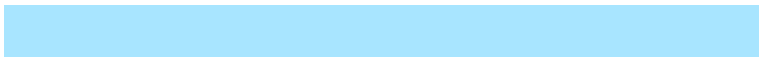
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 35.112, 82.291



89, 35.112, 132.291



89, 35.112, 262.291



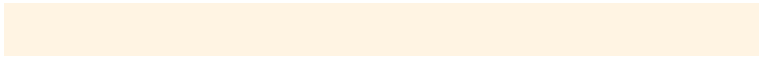
89, 35.112, 312.291

Sweetspot

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



89, 35.028, 82.570



97, 9.711, 86.244



76, 41.194, 354.806



51, 6.538, 86.071



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, 35.028, 82.570



87, 42.456, 81.469



97, 48.821, 111.712



52, 5.008, 86.433



57, 66.508, 71.670



18, 27.610, 74.365

Inverse Universe

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



78, 34.016, 274.239



73, 41.058, 276.120



69, 53.749, 298.824



50, 4.983, 268.994



35, 73.776, 294.218



9, 29.602, 288.720

Previews

White Background



This preview shows how the CIELCh color 89, 35.112, 82.291 looks on a white background.

Color Contrast Check

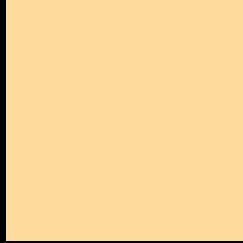
Large Text (above 18pt) WCAG AA × Fail

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, 35.112, 82.291 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, 35.112, 82.291

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.112, 82.291.



This preview shows how white text looks on a background with the CIELCh color 89, 35.112, 82.291.

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, 35.112, 82.291

Protanopia

89, 33.279, 94.981

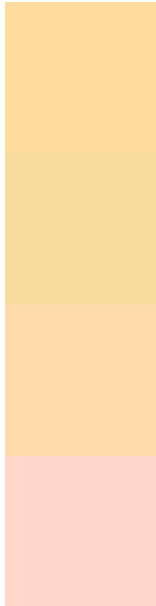
Deuteranopia

89, 24.904, 71.676



Tritanopia
89, 17.072, 357.474

Trichromacy



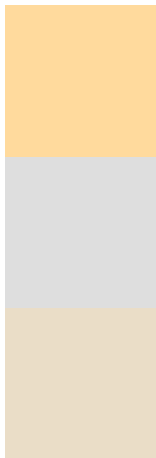
Original Color
89, 35.112, 82.291

Protanomaly
89, 33.611, 90.120

Deuteranomaly
89, 28.627, 77.238

Tritanomaly
89, 17.296, 45.064

Monochromacy



Original Color
89, 35.112, 82.291

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, 35.112, 82.291 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.112, 82.291 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, 157) }
```

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

```
.border{ border-color:rgb(255, 218, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.112, 82.291 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
218, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor