

Converting Colors

CIELCh(100, 66.837, 49.780)

Have a look what the booklet for
CIELCh(100, 66.837, 49.780)
contains.

CIELCh(89, 35.633, 84.064)	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, 35.633, 84.064)

Conversions

Conversions Part 1

Format	Color
Hex	FEDB9C
RGB	254, 219, 156
RGB Percent	100%, 86%, 61%
CMY	0.0039, 0.1409, 0.3878
CMYK	0.00, 0.14, 0.39, 0.00
HSL	39°, 98%, 80%
HSV	39°, 39%, 100%
XYZ	72.2267, 74.1641, 42.0037
YIQ	222.2830, 41.0830, -12.1730

Conversions

Conversions Part 2

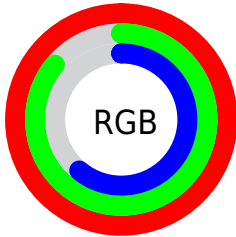
Format	Color
R _Y B	210, 254, 156
Decimal	16702364
CIE Lab	89.00, 3.69, 35.44
CIE LCh	89, 35.633, 84.064
Yxy	74.1641, 0.3834, 0.3937
Android (android.graphics.Color)	4294892444 (0xFFFE DB9C)
YUV	222.2830, -32.6775, 27.8158
Hunter-Lab	86.1186, -1.0016, 31.3648

Details

The CIELCh color **89, 35.633, 84.064** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 34.942, 275.763**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **69, 35.623, 83.751** is the 20% darker color. If you saturate the color by 10%, you get **86, 45.268, 82.642**, and if you desaturate by 10%, it is **92, 26.102, 85.453**.

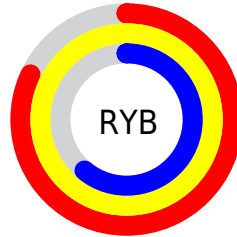
Distribution



Red (100%)

Green (86%)

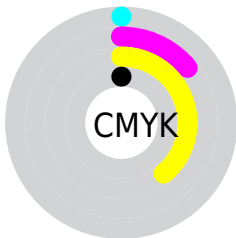
Blue (61%)



Red (82%)

Yellow (100%)

Blue (61%)

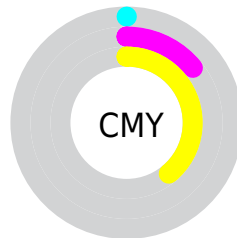


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 35.633, 84.064 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, 35.633, 84.064 by changing the saturation by 10% instead.

 89, 35.633, 84.064

 89, 35.633, 84.064

 100, 35.633,
84.064

 79, 35.633, 84.064

 69, 35.633, 84.064

 59, 35.633, 84.064

 49, 35.633, 84.064

 39, 35.633, 84.064

 29, 35.633, 84.064

 19, 35.633, 84.064

 9, 35.633, 84.064

 0, 35.633, 84.064

89, 35.633, 84.064

89, 35.633, 84.064

86, 45.268, 82.642

92, 26.102, 85.453

84, 54.832, 81.159

94, 16.753, 86.793

81, 63.992, 79.583

97, 7.619, 88.076

79, 72.146, 77.835

100, 0.347,
201.291

77, 78.375, 75.758

75, 81.861, 73.155

74, 82.270, 72.762

Harmonies

Complementary

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



89, 35.633, 84.064



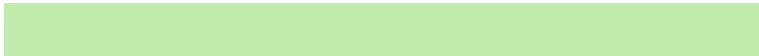
77, 34.942, 275.763

Rectangle

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



89, 35.633, 84.064



89, 35.633, 134.064



89, 35.633, 264.064



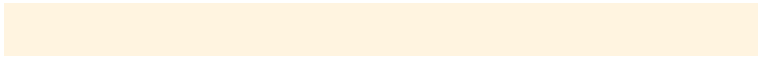
89, 35.633, 314.064

Sweetspot

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



89, 35.634, 84.069



97, 10.785, 87.641



75, 41.069, 355.972



51, 7.166, 87.474



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, 35.634, 84.069



87, 42.952, 83.008



97, 49.070, 112.430



52, 5.093, 87.956



57, 66.449, 73.339



19, 27.802, 76.087

Inverse Universe

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



77, 34.942, 275.763



73, 42.050, 277.564



69, 54.018, 299.372



50, 5.078, 270.498



34, 76.019, 295.323



9, 30.491, 289.978

Previews

White Background



This preview shows how the CIELCh color 89, 35.633, 84.064 looks on a white background.

Color Contrast Check

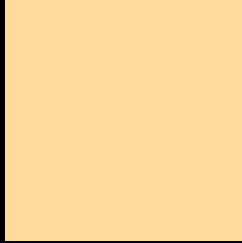
Large Text (above 18pt) WCAG AA × Fail

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, 35.633, 84.064 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, 35.633, 84.064

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.633, 84.064.



This preview shows how white text looks on a background with the CIELCh color 89, 35.633, 84.064.

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](#).

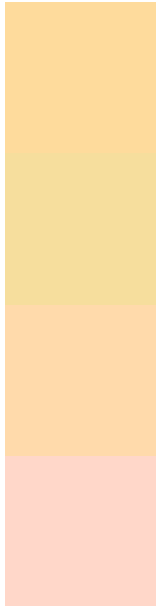
Dichromacy





Tritanopia
89, 16.718, 356.929

Trichromacy



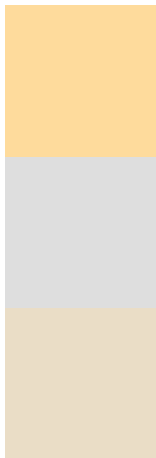
Original Color
89, 35.665, 84.044

Protanomaly
89, 34.928, 91.328

Deuteranomaly
89, 28.627, 77.238

Tritanomaly
89, 16.923, 45.600

Monochromacy



Original Color
89, 35.665, 84.044

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 12.902, 86.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 35.633, 84.064 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, 219, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 156)  
}
```

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, 219, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.633, 84.064 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, 219, 156) }
```

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

```
.border{ border-color:rgb(254, 219, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.633, 84.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 156) }
```

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

```
.background{ background-color: rgb(254,  
219, 156) }
```

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