

Converting Colors

CIELCh(89, 36.965, 85.959)

Have a look what the booklet for
CIELCh(89, 36.965, 85.959) contains.

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Color

CIELCh(89, 37.208, 86.184)

Conversions

Conversions Part 1

Format	Color
Hex	FDDC99
RGB	253, 220, 153
RGB Percent	99%, 86%, 60%
CMY	0.0090, 0.1383, 0.4010
CMYK	0.00, 0.13, 0.40, 0.01
HSL	40°, 96%, 80%
HSV	40°, 40%, 99%
XYZ	71.6542, 74.1641, 40.5633
YIQ	222.2290, 41.1750, -13.8410

Conversions

Conversions Part 2

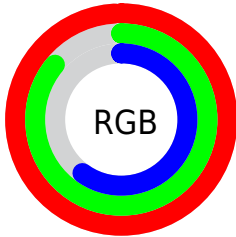
Format	Color
RYB	202, 253, 153
Decimal	16637081
CIELab	89.00, 2.48, 37.13
CIELCh	89, 37.208, 86.184
Yxy	74.1641, 0.3844, 0.3979
Android (android.graphics.Color)	4294827161 (0xFFFD9C99)
YUV	222.2290, -34.1299, 26.9862
Hunter-Lab	86.1186, -2.1883, 32.3564

Details

The CIELCh color **89, 37.208, 86.184** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 37.013, 278.103**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **69, 37.200, 85.949** is the 20% darker color. If you saturate the color by 10%, you get **87, 46.887, 84.771**, and if you desaturate by 10%, it is **91, 27.566, 87.563**.

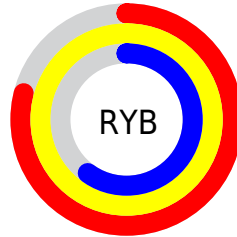
Distribution



Red (99%)

Green (86%)

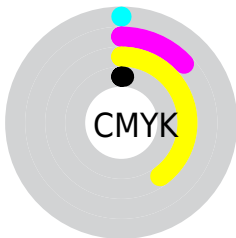
Blue (60%)



Red (79%)

Yellow (99%)

Blue (60%)

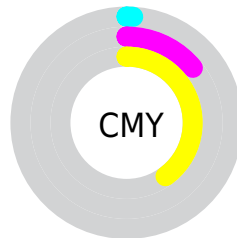


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (1%)



Cyan (1%)

Magenta (14%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 37.208, 86.184 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, 37.208, 86.184 by changing the saturation by 10% instead.

 89, 37.208, 86.184

 89, 37.208, 86.184

 100, 37.208,
86.184

 79, 37.208, 86.184

 69, 37.208, 86.184

 59, 37.208, 86.184

 49, 37.208, 86.184

 39, 37.208, 86.184

 29, 37.208, 86.184

 19, 37.208, 86.184

 9, 37.208, 86.184

 0, 37.208, 86.184

89, 37.208, 86.184

89, 37.208, 86.184

87, 46.887, 84.771

91, 27.566, 87.563

84, 56.401, 83.299

94, 18.057, 88.895

82, 65.378, 81.737

97, 8.728, 90.173

80, 73.176, 80.010

99, 0.409, 272.150

78, 78.867, 77.972

100, 0.795,
200.189

76, 81.850, 75.479

76, 81.962, 75.366

Harmonies

Complementary

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



89, 37.208, 86.184



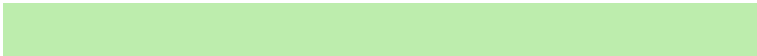
75, 37.013, 278.103

Rectangle

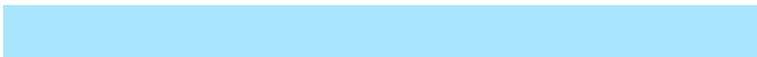
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 37.208, 86.184



89, 37.208, 136.184



89, 37.208, 266.184



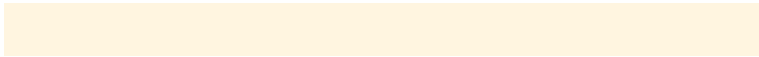
89, 37.208, 316.184

Sweetspot

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



89, 37.209, 86.189



97, 11.068, 89.867



74, 41.456, 358.437



51, 7.352, 89.701



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, 37.209, 86.189



88, 44.742, 85.135



96, 50.266, 113.826



52, 5.229, 90.179



59, 66.489, 75.894



19, 28.141, 78.660

Inverse Universe

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



75, 37.013, 278.103



72, 44.599, 279.901



68, 55.381, 300.525



50, 5.229, 272.684



33, 79.417, 296.880



8, 31.859, 291.773

Previews

White Background



This preview shows how the CIELCh color 89, 37.208, 86.184 looks on a white background.

Color Contrast Check

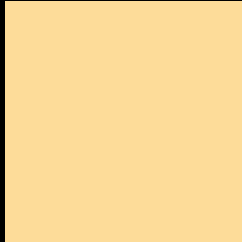
Large Text (above 18pt) WCAG AA × Fail

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, 37.208, 86.184 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, 37.208, 86.184

Background



This preview shows how black text looks on a background with the CIELCh color 89, 37.208, 86.184.



This preview shows how white text looks on a background with the CIELCh color 89, 37.208, 86.184.

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, 37.208, 86.184

Protanopia

89, 36.722, 95.796

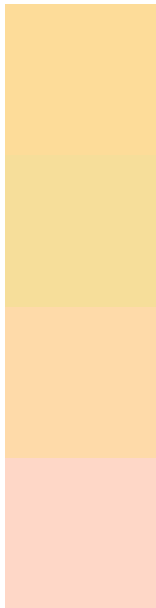
Deuteranopia

89, 25.334, 72.298



Tritanopia
89, 16.718, 356.929

Trichromacy



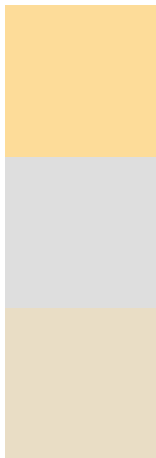
Original Color
89, 37.208, 86.184

Protanomaly
89, 36.398, 91.807

Deuteranomaly
89, 29.329, 78.786

Tritanomaly
89, 17.108, 49.143

Monochromacy



Original Color
89, 37.208, 86.184

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 13.252, 89.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 37.208, 86.184 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(253, 220, 153)` looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 153)  
}
```

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(253, 220, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 37.208, 86.184 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(253, 220, 153) }
```

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

```
.border{ border-color:rgb(253, 220, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 220, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 220, 153); box-shadow:4px 4px 4px 4px rgb(253, 220, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 37.208, 86.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 153) }
```

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

```
.background{ background-color: rgb(253,  
220, 153) }
```

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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