

Converting Colors

CIELCh(90, 39.591, 88.399)

Have a look what the booklet for
CIELCh(90, 39.591, 88.399) contains.

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Color

CIELCh(90, 39.209, 88.361)

Conversions

Conversions Part 1

Format	Color
Hex	FEDF97
RGB	254, 223, 151
RGB Percent	100%, 87%, 59%
CMY	0.0027, 0.1243, 0.4067
CMYK	0.00, 0.12, 0.41, 0.00
HSL	42°, 99%, 80%
HSV	42°, 41%, 100%
XYZ	73.0594, 76.3034, 40.2737
YIQ	224.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

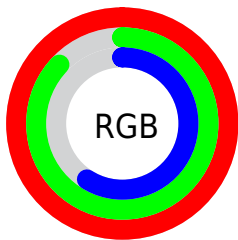
Format	Color
RYB	195, 254, 151
Decimal	16703383
CIELab	90.00, 1.12, 39.19
CIElCh	90, 39.209, 88.361
Yxy	76.3034, 0.3853, 0.4024
Android (android.graphics.Color)	4294893463 (0xFFFE9F97)
YUV	224.0610, -36.0191, 26.2565
Hunter-Lab	87.3518, -3.5716, 33.8105

Details

The CIELCh color **90, 39.209, 88.361** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 39.596, 280.432**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **70, 39.234, 88.182** is the 20% darker color. If you saturate the color by 10%, you get **88, 49.031, 86.969**, and if you desaturate by 10%, it is **92, 29.351, 89.722**.

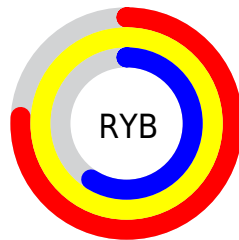
Distribution



Red (100%)

Green (87%)

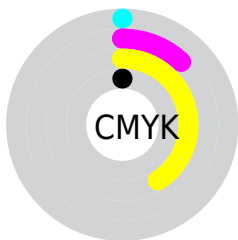
Blue (59%)



Red (76%)

Yellow (100%)

Blue (59%)

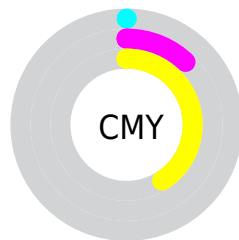


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 39.209, 88.361 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 90, 39.209, 88.361 by changing the saturation by 10% instead.

90, 39.209, 88.361

90, 39.209, 88.361

100, 39.209,
88.361

80, 39.209, 88.361

70, 39.209, 88.361

60, 39.209, 88.361

50, 39.209, 88.361

40, 39.209, 88.361

30, 39.209, 88.361

20, 39.209, 88.361

10, 39.209, 88.361

0, 39.209, 88.361

90, 39.209, 88.361

90, 39.209, 88.361

88, 49.031, 86.969

92, 29.351, 89.722

86, 58.584, 85.521

95, 19.575, 91.038

83, 67.454, 83.991

97, 9.940, 92.304

81, 74.952, 82.311

100, 0.470, 93.006

80, 80.154, 80.352

100, 0.241,
202.145

78, 82.581, 78.135

Harmonies

Complementary

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



90, 39.209, 88.361



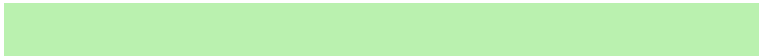
74, 39.596, 280.432

Rectangle

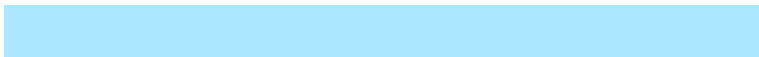
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 39.209, 88.361



90, 39.209, 138.361



90, 39.209, 268.361



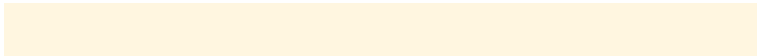
90, 39.209, 318.361

Sweetspot

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



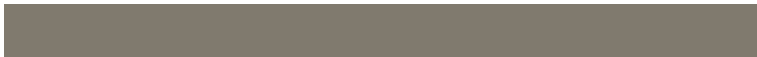
90, 39.210, 88.366



97, 11.388, 92.119



74, 42.450, 359.778



51, 7.563, 91.956



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 39.210, 88.366



88, 47.660, 87.182



96, 51.784, 114.489



52, 5.382, 92.427



60, 66.703, 78.623



20, 28.564, 81.334

Inverse Universe

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



74, 39.596, 280.432



69, 48.460, 282.485



68, 57.145, 301.154



50, 5.399, 274.887



31, 82.997, 298.389



8, 33.312, 293.499

Previews

White Background



This preview shows how the CIELCh color 90, 39.209, 88.361 looks on a white background.

Color Contrast Check

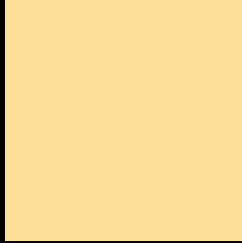
Large Text (above 18pt) WCAG AA × Fail

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 90, 39.209, 88.361 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 90, 39.209, 88.361

Background



This preview shows how black text looks on a background with the CIELCh color 90, 39.209, 88.361.



This preview shows how white text looks on a background with the CIELCh color 90, 39.209, 88.361.

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

90, 39.209, 88.361

Protanopia

90, 38.230, 95.517

Deuteranopia

90, 22.544, 72.778



Tritanopia
90, 15.672, 355.171

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 39.209, 88.361 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, 223, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 151)  
}
```

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, 223, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 39.209, 88.361 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, 223, 151) }
```

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

```
.border{ border-color:rgb(254, 223, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 39.209, 88.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 151) }
```

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

```
.background{ background-color: rgb(254,  
223, 151) }
```

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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