

Converting Colors

CIELCh(90, 38.805, 88.497)

Have a look what the booklet for
CIELCh(90, 38.805, 88.497) contains.

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Color

CIELCh(90, 38.729, 88.184)

Conversions

Conversions Part 1

Format	Color
Hex	FEDF98
RGB	254, 223, 152
RGB Percent	100%, 87%, 60%
CMY	0.0029, 0.1245, 0.4030
CMYK	0.00, 0.12, 0.40, 0.00
HSL	42°, 99%, 80%
HSV	42°, 40%, 100%
XYZ	73.1101, 76.3034, 40.6819
YIQ	224.1750, 41.2670, -15.5090

Conversions

Conversions Part 2

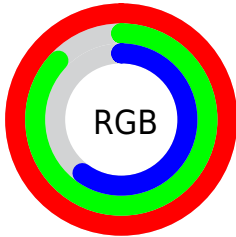
Format	Color
RYB	197, 254, 152
Decimal	16703384
CIELab	90.00, 1.23, 38.71
CIELCh	90, 38.729, 88.184
Yxy	76.3034, 0.3846, 0.4014
Android (android.graphics.Color)	4294893464 (0xFFFE98)
YUV	224.1750, -35.5823, 26.1565
Hunter-Lab	87.3518, -3.4681, 33.5334

Details

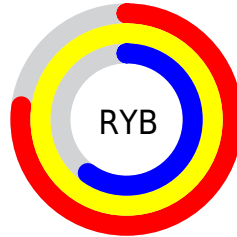
The CIELCh color **90, 38.729, 88.184** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 39.045, 280.136**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **70, 38.740, 88.019** is the 20% darker color. If you saturate the color by 10%, you get **88, 48.543, 86.790**, and if you desaturate by 10%, it is **92, 28.891, 89.546**.

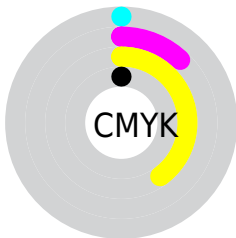
Distribution



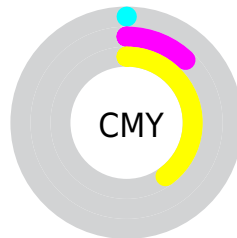
- Red (100%)
- Green (87%)
- Blue (60%)



- Red (77%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 38.729, 88.184 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 90, 38.729, 88.184 by changing the saturation by 10% instead.

 90, 38.729, 88.184

 90, 38.729, 88.184

 100, 38.729,
88.184

 80, 38.729, 88.184

 70, 38.729, 88.184

 60, 38.729, 88.184

 50, 38.729, 88.184

 40, 38.729, 88.184

 30, 38.729, 88.184

 20, 38.729, 88.184

 10, 38.729, 88.184

 0, 38.729, 88.184

90, 38.729, 88.184

90, 38.729, 88.184

88, 48.543, 86.790

92, 28.891, 89.546

86, 58.108, 85.341

95, 19.143, 90.863

83, 67.020, 83.811

97, 9.541, 92.128

81, 74.603, 82.130

100, 0.107, 90.906

79, 79.935, 80.172

100, 0.256,
201.978

78, 82.536, 77.852

Harmonies

Complementary

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



90, 38.729, 88.184



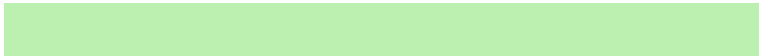
75, 39.045, 280.136

Rectangle

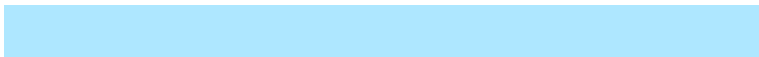
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 38.729, 88.184



90, 38.729, 138.184



90, 38.729, 268.184



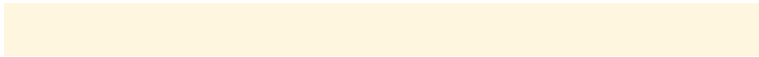
90, 38.729, 318.184

Sweetspot

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



90, 38.730, 88.189



97, 11.355, 91.896



74, 42.030, 359.712



51, 7.541, 91.732



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, 38.730, 88.189



88, 46.578, 87.090



96, 51.304, 114.515



52, 5.366, 92.204



60, 66.673, 78.346



20, 28.519, 81.066

Inverse Universe

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



75, 39.045, 280.136



70, 47.227, 282.025



68, 56.550, 301.108



50, 5.381, 274.669



31, 82.636, 298.242



8, 33.168, 293.337

Previews

White Background



This preview shows how the CIELCh color 90, 38.729, 88.184 looks on a white background.

Color Contrast Check

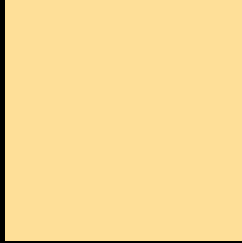
Large Text (above 18pt) WCAG AA × Fail

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 90, 38.729, 88.184 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 90, 38.729, 88.184

Background



This preview shows how black text looks on a background with the CIELCh color 90, 38.729, 88.184.



This preview shows how white text looks on a background with the CIELCh color 90, 38.729, 88.184.

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](#).

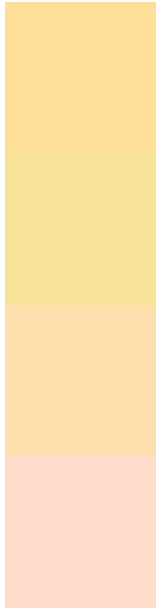
Dichromacy





Tritanopia
90, 15.672, 355.171

Trichromacy



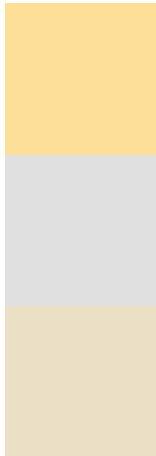
Original Color
90, 38.729, 88.184

Protanomaly
90, 38.155, 93.018

Deuteranomaly
90, 28.158, 80.525

Tritanomaly
90, 16.632, 54.030

Monochromacy



Original Color
90, 38.729, 88.184

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 14.084, 91.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 38.729, 88.184 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(254, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 38.729, 88.184 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(254, 223, 152) }
```

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

```
.border{ border-color:rgb(254, 223, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 38.729, 88.184 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, 152) }
```

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

```
.background{ background-color: rgb(254,  
223, 152) }
```

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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