

Converting Colors

CIELCh(90, 57.894, 94.858)

Have a look what the booklet for
CIELCh(90, 57.894, 94.858) contains.

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Color

CIELCh(90, 57.836, 94.588)

Conversions

Conversions Part 1

Format	Color
Hex	FCE271
RGB	252, 226, 113
RGB Percent	99%, 89%, 44%
CMY	0.0116, 0.1136, 0.5567
CMYK	0.00, 0.10, 0.55, 0.01
HSL	49°, 96%, 72%
HSV	49°, 55%, 99%
XYZ	70.3433, 76.3034, 26.6517
YIQ	220.8920, 51.7690, -29.6310

Conversions

Conversions Part 2

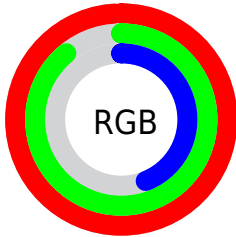
Format	Color
RYB	145, 252, 113
Decimal	16573041
CIELab	90.00, -4.63, 57.65
CIELCh	90, 57.836, 94.588
Yxy	76.3034, 0.4059, 0.4403
Android (android.graphics.Color)	4294763121 (0xFFFC271)
YUV	220.8920, -53.1908, 27.2817
Hunter-Lab	87.3518, -9.1219, 43.0564

Details

The CIELCh color **90, 57.836, 94.588** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 63.502, 290.862**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.504, 106.854**, and **70, 57.732, 94.483** is the 20% darker color. If you saturate the color by 10%, you get **89, 67.191, 93.350**, and if you desaturate by 10%, it is **91, 47.747, 95.825**.

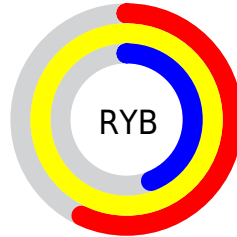
Distribution



Red (99%)

Green (89%)

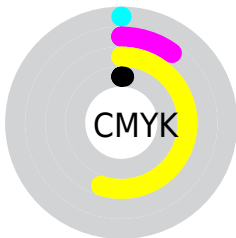
Blue (44%)



Red (57%)

Yellow (99%)

Blue (44%)

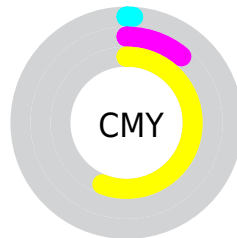


Cyan (0%)

Magenta (10%)

Yellow (55%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 57.836, 94.588 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, 57.836, 94.588 by changing the saturation by 10% instead.

90, 57.836, 94.588

90, 57.836, 94.588

100, 57.836,
94.588

80, 57.836, 94.588

70, 57.836, 94.588

60, 57.836, 94.588

50, 57.836, 94.588

40, 57.836, 94.588

30, 57.836, 94.588

20, 57.836, 94.588

10, 57.836, 94.588

0, 57.836, 94.588

90, 57.836, 94.588

90, 57.836, 94.588

89, 67.191, 93.350

91, 47.747, 95.825

87, 75.236, 92.095

93, 37.286, 97.049

86, 81.200, 90.798

95, 26.671, 98.254

85, 84.357, 89.401

96, 16.027, 99.433

84, 85.063, 88.684

98, 5.423, 100.561

100, 0.866,
223.813

100, 1.031,
199.982

Harmonies

Complementary

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



90, 57.836, 94.588



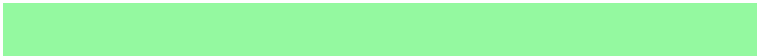
61, 63.502, 290.862

Rectangle

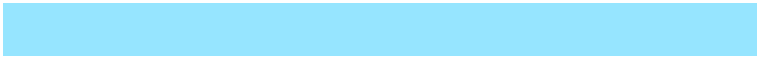
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 57.836, 94.588



90, 57.836, 144.588



90, 57.836, 274.588



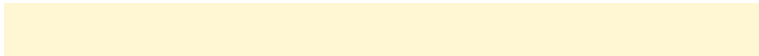
90, 57.836, 324.588

Sweetspot

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



90, 57.837, 94.591



97, 18.164, 99.216



65, 56.615, 11.574



51, 12.157, 98.981



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, 57.837, 94.591



89, 68.575, 93.239



94, 69.713, 118.751



51, 5.958, 100.082



65, 68.544, 88.969



21, 29.616, 91.014

Inverse Universe

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



61, 63.502, 290.862



54, 78.211, 293.817



58, 79.127, 306.132



48, 6.033, 282.324



26, 94.732, 302.887



5, 36.451, 297.197

Previews

White Background



This preview shows how the CIE LCh color 90, 57.836, 94.588 looks on a white background.

Color Contrast Check

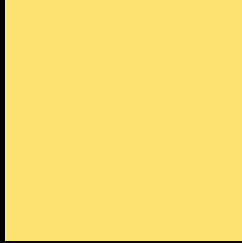
Large Text (above 18pt) WCAG AA × Fail

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, 57.836, 94.588 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, 57.836, 94.588

Background



This preview shows how black text looks on a background with the CIELCh color 90, 57.836, 94.588.



This preview shows how white text looks on a background with the CIELCh color 90, 57.836, 94.588.

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, 57.836, 94.588

Protanopia

90, 58.005, 95.873

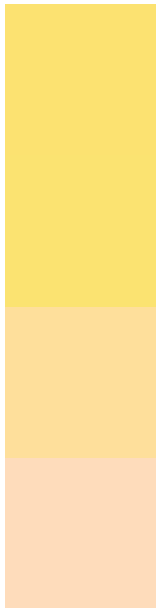
Deuteranopia

90, 25.639, 76.992



Tritanopia
90, 15.672, 355.171

Trichromacy



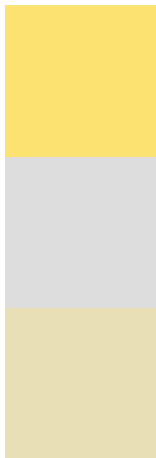
Original Color
90, 57.836, 94.588

Protanomaly
90, 58.085, 95.465

Deuteranomaly
90, 37.287, 87.620

Tritanomaly
90, 21.710, 71.326

Monochromacy



Original Color
90, 57.836, 94.588

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 21.504, 99.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 57.836, 94.588 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(252, 226, 113)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 113)  
}
```

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(252, 226, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 57.836, 94.588 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(252, 226, 113) }
```

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

```
.border{ border-color:rgb(252, 226, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 113);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 57.836, 94.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 113) }
```

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

```
.background{ background-color: rgb(252,  
226, 113) }
```

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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