

Converting Colors

CIELCh(90, 57.069, 95.835)

Have a look what the booklet for
CIELCh(90, 57.069, 95.835) contains.

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Color

CIELCh(90, 57.099, 95.811)

Conversions

Conversions Part 1

Format	Color
Hex	FAE373
RGB	250, 227, 115
RGB Percent	98%, 89%, 45%
CMY	0.0207, 0.1108, 0.5500
CMYK	0.00, 0.09, 0.54, 0.02
HSL	50°, 93%, 71%
HSV	50°, 54%, 98%
XYZ	69.8058, 76.3034, 27.1954
YIQ	221.1090, 49.6600, -29.9560

Conversions

Conversions Part 2

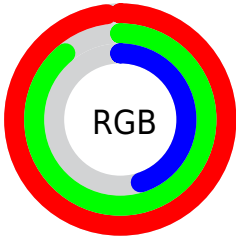
Format	Color
R_{YB}	143, 250, 115
Decimal	16442227
CIE _{Lab}	90.00, -5.78, 56.81
CIE _{LCh}	90, 57.099, 95.811
Yxy	76.3034, 0.4028, 0.4403
Android (android.graphics.Color)	4294632307 (0xFFFAE373)
YUV	221.1090, -52.3117, 25.3374
Hunter-Lab	87.3518, -10.2202, 42.6874

Details

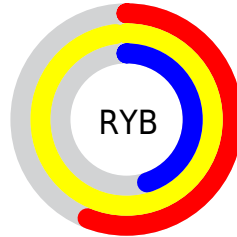
The CIELCh color **90, 57.099, 95.811** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **60, 62.985, 291.423**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 42.533, 106.929**, and **70, 57.069, 95.830** is the 20% darker color. If you saturate the color by 10%, you get **89, 66.537, 94.616**, and if you desaturate by 10%, it is **91, 46.942, 97.015**.

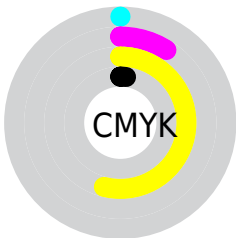
Distribution



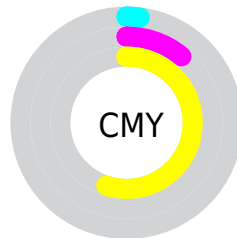
- Red (98%)
- Green (89%)
- Blue (45%)



- Red (56%)
- Yellow (98%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 57.099, 95.811 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, 57.099, 95.811 by changing the saturation by 10% instead.

90, 57.099, 95.811

90, 57.099, 95.811

100, 57.099,
95.811

80, 57.099, 95.811

70, 57.099, 95.811

60, 57.099, 95.811

50, 57.099, 95.811

40, 57.099, 95.811

30, 57.099, 95.811

20, 57.099, 95.811

10, 57.099, 95.811

0, 57.099, 95.811

90, 57.099, 95.811

90, 57.099, 95.811

89, 66.537, 94.616

91, 46.942, 97.015

87, 74.706, 93.419

93, 36.414, 98.210

86, 80.867, 92.207

94, 25.725, 99.391

85, 84.297, 90.939

96, 14.997,
100.547

84, 85.186, 90.145

98, 4.299, 101.649

99, 1.646, 258.067

100, 1.830,
199.651

Harmonies

Complementary

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



90, 57.099, 95.811



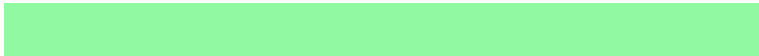
60, 62.985, 291.423

Rectangle

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



90, 57.099, 95.811



90, 57.099, 145.811



90, 57.099, 275.811



90, 57.099, 325.811

Sweetspot

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



90, 57.100, 95.814



97, 17.386, 100.322



65, 55.086, 12.562



52, 11.743, 100.085



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

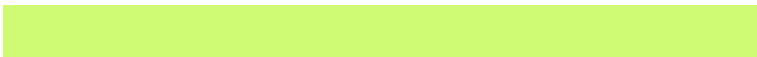
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 57.100, 95.814



90, 68.521, 94.493



93, 68.191, 119.496



51, 6.063, 101.060



66, 69.118, 90.391



21, 29.996, 92.280

Inverse Universe

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



60, 62.985, 291.423



54, 78.601, 294.338



58, 76.905, 306.492



48, 6.147, 283.270



26, 96.311, 303.378



5, 36.977, 297.608

Previews

White Background



This preview shows how the CIE LCh color 90, 57.099, 95.811 looks on a white background.

Color Contrast Check

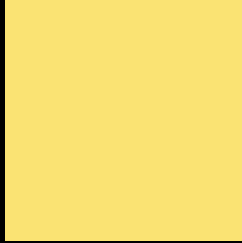
Large Text (above 18pt) WCAG AA × Fail

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, 57.099, 95.811 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, 57.099, 95.811

Background



This preview shows how black text looks on a background with the CIELCh color 90, 57.099, 95.811.



This preview shows how white text looks on a background with the CIELCh color 90, 57.099, 95.811.

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, 57.099, 95.811

Protanopia

90, 57.099, 95.811

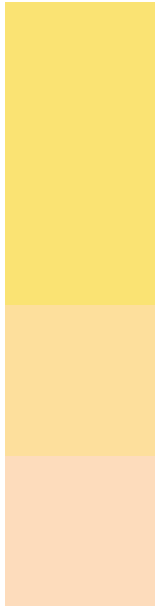
Deuteranopia

90, 25.639, 76.992



Tritanopia
90, 15.883, 353.466

Trichromacy



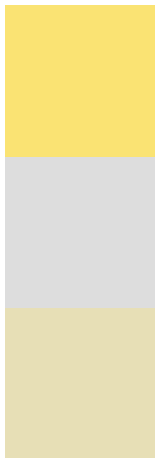
Original Color
90, 57.099, 95.811

Protanomaly
90, 57.099, 95.811

Deuteranomaly
90, 36.661, 88.014

Tritanomaly
90, 21.039, 71.388

Monochromacy



Original Color
90, 57.099, 95.811

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 21.445, 100.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 57.099, 95.811 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(250, 227, 115)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 115)  
}
```

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(250, 227, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 57.099, 95.811 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(250, 227, 115) }
```

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

```
.border{ border-color:rgb(250, 227, 115) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 115);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 57.099, 95.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 115) }
```

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

```
.background{ background-color: rgb(250,  
227, 115) }
```

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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