

Converting Colors

CIELCh(90, 58.761, 93.759)

Have a look what the booklet for
CIELCh(90, 58.761, 93.759) contains.

CIELCh(90, 58.919, 93.861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 58.919, 93.861)

Conversions

Conversions Part 1

Format	Color
Hex	FEE26F
RGB	254, 226, 111
RGB Percent	100%, 89%, 44%
CMY	0.0056, 0.1153, 0.5662
CMYK	0.00, 0.11, 0.56, 0.01
HSL	48°, 98%, 71%
HSV	48°, 56%, 99%
XYZ	70.6512, 76.3034, 25.9331
YIQ	221.2620, 53.6030, -29.8290

Conversions

Conversions Part 2

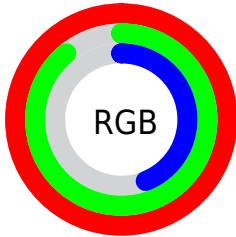
Format	Color
R_{YB}	146, 254, 111
Decimal	16704111
CIE Lab	90.00, -3.97, 58.79
CIE LCh	90, 58.919, 93.861
Yxy	76.3034, 0.4087, 0.4413
Android (android.graphics.Color)	4294894191 (0xFFFE26F)
YUV	221.2620, -54.3592, 28.7112
Hunter-Lab	87.3518, -8.4927, 43.5441

Details

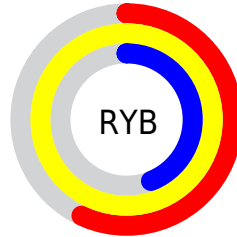
The CIELCh color **90, 58.919, 93.861** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 64.644, 290.737**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.472, 106.780**, and **70, 59.110, 93.686** is the 20% darker color. If you saturate the color by 10%, you get **89, 68.177, 92.600**, and if you desaturate by 10%, it is **92, 48.886, 95.116**.

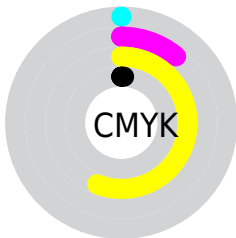
Distribution



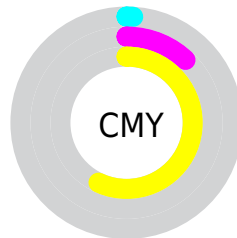
- Red (100%)
- Green (89%)
- Blue (44%)



- Red (57%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (11%)
- Yellow (56%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 58.919, 93.861 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, 58.919, 93.861 by changing the saturation by 10% instead.

90, 58.919, 93.861

90, 58.919, 93.861

100, 58.919,
93.861

80, 58.919, 93.861

70, 58.919, 93.861

60, 58.919, 93.861

50, 58.919, 93.861

40, 58.919, 93.861

30, 58.919, 93.861

20, 58.919, 93.861

10, 58.919, 93.861

0, 58.919, 93.861

90, 58.919, 93.861

90, 58.919, 93.861

89, 68.177, 92.600

92, 48.886, 95.116

87, 76.055, 91.310

93, 38.462, 96.356

86, 81.756, 89.961

95, 27.877, 97.576

85, 84.579, 88.483

97, 17.261, 98.768

84, 85.109, 87.921

98, 6.688, 99.915

100, 0.497,
200.707

Harmonies

Complementary

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



90, 58.919, 93.861



61, 64.644, 290.737

Rectangle

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



90, 58.919, 93.861



90, 58.919, 143.861



90, 58.919, 273.861



90, 58.919, 323.861

Sweetspot

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



90, 58.920, 93.864



97, 18.006, 98.694



65, 58.165, 11.899



51, 12.052, 98.457



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, 58.920, 93.864



89, 69.885, 92.390



94, 71.426, 118.705



52, 6.003, 99.564



65, 68.948, 88.211



22, 30.564, 90.231

Inverse Universe

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



61, 64.644, 290.737



53, 79.934, 293.974



57, 81.366, 306.249



49, 6.075, 281.827



27, 94.904, 302.642



6, 37.812, 297.737

Previews

White Background



This preview shows how the CIELCh color 90, 58.919, 93.861 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, 58.919, 93.861 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, 58.919, 93.861

Background



This preview shows how black text looks on a background with the CIELCh color 90, 58.919, 93.861.

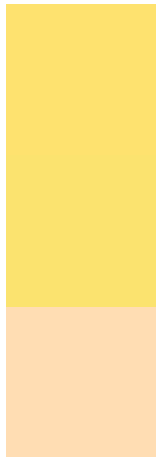


This preview shows how white text looks on a background with the CIELCh color 90, 58.919, 93.861.

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, 58.919, 93.861

Protanopia

90, 58.983, 95.529

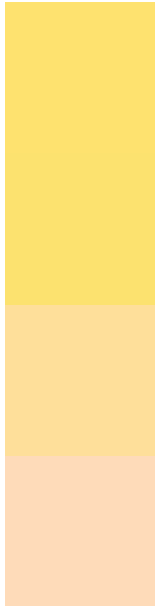
Deuteranopia

90, 25.639, 76.992



Tritanopia
90, 15.476, 356.922

Trichromacy



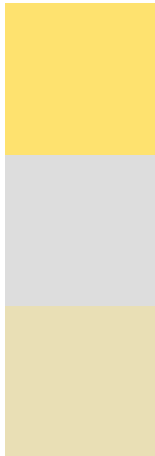
Original Color
90, 58.919, 93.861

Protanomaly
90, 58.735, 94.664

Deuteranomaly
90, 37.768, 87.814

Tritanomaly
90, 22.404, 71.250

Monochromacy



Original Color
90, 58.919, 93.861

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 22.078, 98.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 58.919, 93.861 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, 226, 111)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 111)  
}
```

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, 226, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 58.919, 93.861 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, 226, 111) }
```

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

```
.border{ border-color:rgb(254, 226, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 111);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 58.919, 93.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 111) }
```

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

```
.background{ background-color: rgb(254,  
226, 111) }
```

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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