

Converting Colors

CIELCh(89, 56.661, 93.970)

Have a look what the booklet for
CIELCh(89, 56.661, 93.970) contains.

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Color

CIELCh(89, 56.661, 93.970)

Conversions

Conversions Part 1

Format	Color
Hex	FADF71
RGB	250, 223, 113
RGB Percent	98%, 87%, 44%
CMY	0.0203, 0.1261, 0.5575
CMYK	0.00, 0.11, 0.55, 0.02
HSL	48°, 93%, 71%
HSV	48°, 55%, 98%
XYZ	68.6736, 74.1641, 26.2710
YIQ	218.5330, 51.4020, -28.4860

Conversions

Conversions Part 2

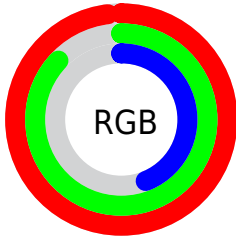
Format	Color
RYB	147, 250, 113
Decimal	16441201
CIELab	89.00, -3.92, 56.53
CIELCh	89, 56.661, 93.970
Yxy	74.1641, 0.4061, 0.4386
Android (android.graphics.Color)	4294631281 (0xFFFAADF71)
YUV	218.5330, -52.0278, 27.5966
Hunter-Lab	86.1186, -8.3661, 42.1962

Details

The CIELCh color **89, 56.661, 93.970** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **61, 61.836, 290.255**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 43.988, 106.817**, and **69, 56.619, 93.845** is the 20% darker color. If you saturate the color by 10%, you get **88, 65.961, 92.709**, and if you desaturate by 10%, it is **91, 46.673, 95.225**.

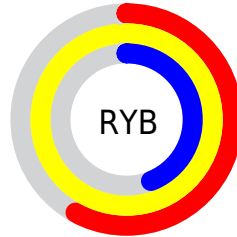
Distribution



Red (98%)

Green (87%)

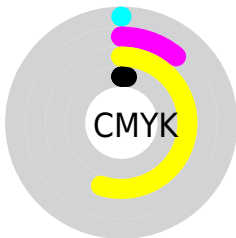
Blue (44%)



Red (58%)

Yellow (98%)

Blue (44%)

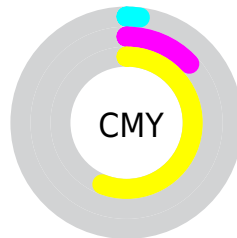


Cyan (0%)

Magenta (11%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 56.661, 93.970 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 89, 56.661, 93.970 by changing the saturation by 10% instead.

 89, 56.661, 93.970

 89, 56.661, 93.970

 100, 56.661,
93.970

 79, 56.661, 93.970

 69, 56.661, 93.970

 59, 56.661, 93.970

 49, 56.661, 93.970

 39, 56.661, 93.970

 29, 56.661, 93.970

 19, 56.661, 93.970

 9, 56.661, 93.970

 0, 56.661, 93.970

89, 56.661, 93.970

89, 56.661, 93.970

88, 65.961, 92.709

91, 46.673, 95.225

86, 74.012, 91.422

92, 36.346, 96.463

85, 80.050, 90.080

94, 25.888, 97.680

83, 83.327, 88.621

96, 15.415, 98.868

83, 84.108, 87.815

97, 4.994, 100.002

99, 1.604, 256.908

100, 1.798,
199.660

Harmonies

Complementary

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



89, 56.661, 93.970



61, 61.836, 290.255

Rectangle

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



89, 56.661, 93.970



89, 56.661, 143.970



89, 56.661, 273.970



89, 56.661, 323.970

Sweetspot

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



89, 56.662, 93.973



97, 16.918, 98.729



65, 55.880, 11.484



51, 11.430, 98.486



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 56.662, 93.973



89, 68.093, 92.551



93, 68.861, 118.764



51, 5.896, 99.484



64, 68.226, 88.109



21, 29.396, 90.243

Inverse Universe

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



61, 61.836, 290.255



55, 77.182, 293.326



58, 78.081, 306.100



49, 5.966, 281.745



27, 93.751, 302.576



5, 36.124, 296.933

Previews

White Background



This preview shows how the CIELCh color 89, 56.661, 93.970 looks on a white background.

Color Contrast Check

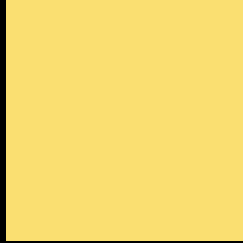
Large Text (above 18pt) WCAG AA × Fail

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 89, 56.661, 93.970 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 89, 56.661, 93.970

Background



This preview shows how black text looks on a background with the CIELCh color 89, 56.661, 93.970.

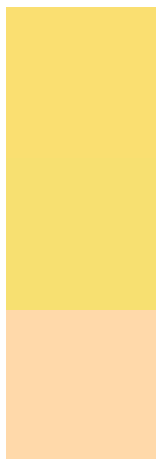


This preview shows how white text looks on a background with the CIELCh color 89, 56.661, 93.970.

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

89, 56.661, 93.970

Protanopia

89, 56.732, 95.704

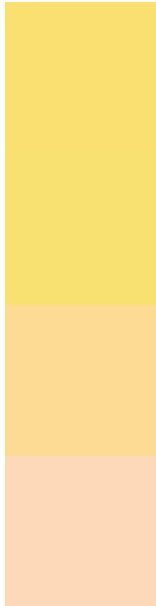
Deuteranopia

89, 28.874, 76.545



Tritanopia
89, 17.261, 355.873

Trichromacy



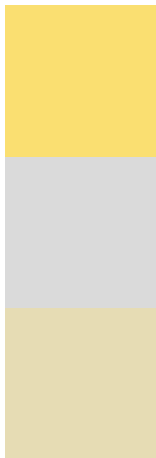
Original Color
89, 56.661, 93.970

Protanomaly
89, 56.815, 95.287

Deuteranomaly
89, 38.831, 86.214

Tritanomaly
89, 21.743, 67.336

Monochromacy



Original Color
89, 56.661, 93.970

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 21.116, 97.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 56.661, 93.970 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, 223, 113)` looks like.

```
.text, #text, p{  
    color:rgb(250, 223, 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(250, 223, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 56.661, 93.970 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, 223, 113) }
```

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

```
.border{ border-color:rgb(250, 223, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 223, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 223, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 223, 113); box-shadow:4px 4px 4px 4px rgb(250, 223, 113) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 56.661, 93.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 223, 113) }
```

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

```
.background{ background-color: rgb(250,  
223, 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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