

Converting Colors

CIELCh(89, 65.108, 93.643)

Have a look what the booklet for
CIELCh(89, 65.108, 93.643) contains.

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Color

CIELCh(89, 65.152, 93.889)

Conversions

Conversions Part 1

Format	Color
Hex	FCDF5E
RGB	252, 223, 94
RGB Percent	99%, 87%, 37%
CMY	0.0124, 0.1261, 0.6319
CMYK	0.00, 0.12, 0.63, 0.01
HSL	49°, 96%, 68%
HSV	49°, 63%, 99%
XYZ	68.4462, 74.1641, 21.2622
YIQ	216.9650, 58.6930, -33.9710

Conversions

Conversions Part 2

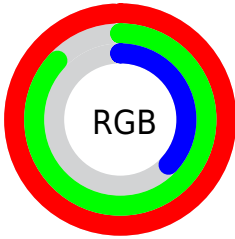
Format	Color
R _Y B	130, 252, 94
Decimal	16572254
CIE Lab	89.00, -4.42, 65.00
CIE LCh	89, 65.152, 93.889
Yxy	74.1641, 0.4177, 0.4526
Android (android.graphics.Color)	4294762334 (0xFFFCDF5E)
YUV	216.9650, -60.6217, 30.7257
Hunter-Lab	86.1186, -8.8376, 45.6446

Details

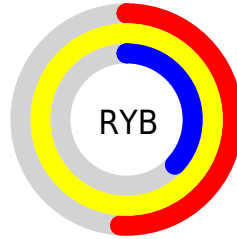
The CIELCh color **89, 65.152, 93.889** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **56, 73.510, 293.061**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **69, 65.216, 93.869** is the 20% darker color. If you saturate the color by 10%, you get **88, 73.575, 92.653**, and if you desaturate by 10%, it is **90, 55.572, 95.123**.

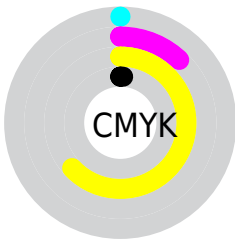
Distribution



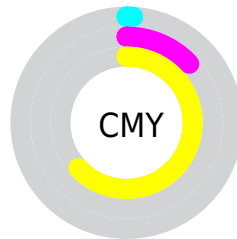
- Red (99%)
- Green (87%)
- Blue (37%)



- Red (51%)
- Yellow (99%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 65.152, 93.889 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, 65.152, 93.889 by changing the saturation by 10% instead.

 89, 65.152, 93.889

 89, 65.152, 93.889

 100, 65.152,
93.889

 79, 65.152, 93.889

 69, 65.152, 93.889

 59, 65.152, 93.889

 49, 65.152, 93.889

 39, 65.152, 93.889

 29, 65.152, 93.889

 19, 65.152, 93.889

 9, 65.152, 93.889

 0, 65.152, 93.889

89, 65.152, 93.889

89, 65.152, 93.889

88, 73.575, 92.653

90, 55.572, 95.123

86, 80.107, 91.386

92, 45.353, 96.348

85, 83.975, 90.043

93, 34.820, 97.563

84, 85.159, 88.997

95, 24.164, 98.758

97, 13.496, 99.924

98, 2.877, 101.014

100, 1.100,
199.938

Harmonies

Complementary

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



89, 65.152, 93.889



56, 73.510, 293.061

Rectangle

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



89, 65.152, 93.889



89, 65.152, 143.889



89, 65.152, 273.889



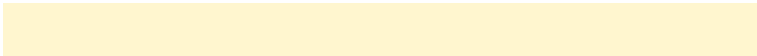
89, 65.152, 323.889

Sweetspot

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



89, 65.152, 93.892



97, 20.386, 99.196



62, 64.244, 13.719



51, 14.040, 98.860



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, 65.152, 93.892



88, 76.003, 92.363



93, 77.832, 118.514



51, 5.980, 100.293



65, 68.662, 89.273



21, 29.696, 91.286

Inverse Universe

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



56, 73.510, 293.061



49, 90.584, 296.617



53, 90.358, 306.834



48, 6.057, 282.528



26, 95.075, 302.995



5, 36.565, 297.288

Previews

White Background



This preview shows how the CIELCh color 89, 65.152, 93.889 looks on a white background.

Color Contrast Check

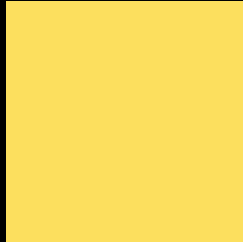
Large Text (above 18pt) WCAG AA × Fail

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, 65.152, 93.889 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, 65.152, 93.889

Background



This preview shows how black text looks on a background with the CIELCh color 89, 65.152, 93.889.

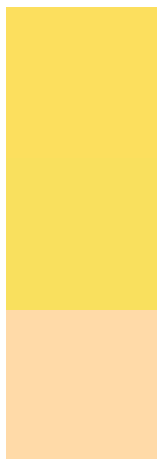


This preview shows how white text looks on a background with the CIELCh color 89, 65.152, 93.889.

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, 65.152, 93.889

Protanopia

89, 65.206, 95.414

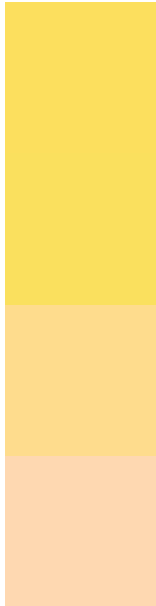
Deuteranopia

89, 29.996, 78.529



Tritanopia
89, 17.072, 357.474

Trichromacy



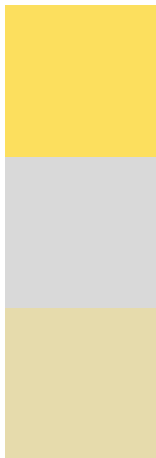
Original Color
89, 65.152, 93.889

Protanomaly
89, 65.287, 95.046

Deuteranomaly
89, 43.089, 87.823

Tritanomaly
89, 25.360, 72.284

Monochromacy



Original Color
89, 65.152, 93.889

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 24.764, 98.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 65.152, 93.889 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, 223, 94)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 94)  
}
```

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, 223, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 65.152, 93.889 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, 223, 94) }
```

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

```
.border{ border-color:rgb(252, 223, 94) }
```

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

Here you see how a box with a 4 pixel rgb(252, 223, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 94);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 65.152, 93.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 94) }
```

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

```
.background{ background-color: rgb(252,  
223, 94) }
```

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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