

Converting Colors

CIELCh(89, 66.150, 94.943)

Have a look what the booklet for
CIELCh(89, 66.150, 94.943) contains.

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Color

CIELCh(89, 66.118, 95.089)

Conversions

Conversions Part 1

Format	Color
Hex	FAE05C
RGB	250, 224, 92
RGB Percent	98%, 88%, 36%
CMY	0.0210, 0.1228, 0.6404
CMYK	0.00, 0.10, 0.63, 0.02
HSL	50°, 94%, 67%
HSV	50°, 63%, 98%
XYZ	67.7858, 74.1641, 20.7955
YIQ	216.7260, 57.8680, -35.5400

Conversions

Conversions Part 2

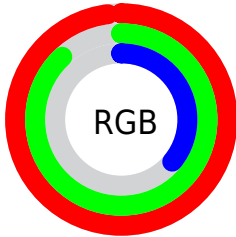
Format	Color
RYB	123, 250, 92
Decimal	16441436
CIELab	89.00, -5.86, 65.86
CIELCh	89, 66.118, 95.089
Yxy	74.1641, 0.4165, 0.4557
Android (android.graphics.Color)	4294631516 (0xFFFAE05C)
YUV	216.7260, -61.4899, 29.1813
Hunter-Lab	86.1186, -10.2064, 45.9660

Details

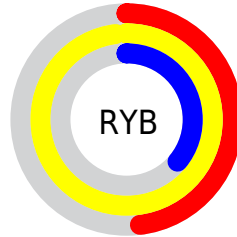
The CIELCh color **89, 66.118, 95.089** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **54, 75.540, 294.117**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.521, 106.082**, and **69, 66.167, 95.121** is the 20% darker color. If you saturate the color by 10%, you get **88, 74.411, 93.914**, and if you desaturate by 10%, it is **90, 56.593, 96.276**.

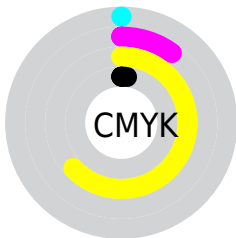
Distribution



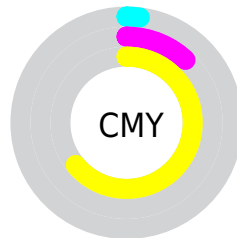
- Red (98%)
- Green (88%)
- Blue (36%)



- Red (48%)
- Yellow (98%)
- Blue (36%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 66.118, 95.089 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, 66.118, 95.089 by changing the saturation by 10% instead.

89, 66.118, 95.089

89, 66.118, 95.089

100, 66.118,
95.089

79, 66.118, 95.089

69, 66.118, 95.089

59, 66.118, 95.089

49, 66.118, 95.089

39, 66.118, 95.089

29, 66.118, 95.089

19, 66.118, 95.089

9, 66.118, 95.089

0, 66.118, 95.089

89, 66.118, 95.089

89, 66.118, 95.089

88, 74.411, 93.914

90, 56.593, 96.276

87, 80.744, 92.732

92, 46.367, 97.466

86, 84.388, 91.508

93, 35.780, 98.652

85, 85.429, 90.644

94, 25.035, 99.824

96, 14.252,
100.970

98, 3.496, 102.056

99, 1.626, 254.208

100, 1.857,
199.644

Harmonies

Complementary

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



89, 66.118, 95.089



54, 75.540, 294.117

Rectangle

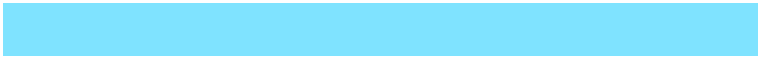
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 66.118, 95.089



89, 66.118, 145.089



89, 66.118, 275.089



89, 66.118, 325.089

Sweetspot

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



89, 66.118, 95.092



97, 20.782, 100.315



61, 64.670, 16.461



51, 14.308, 99.985



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, 66.118, 95.092



89, 77.663, 93.583



92, 78.417, 119.920



51, 6.101, 101.393



66, 69.330, 90.880



21, 30.132, 92.713

Inverse Universe

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



54, 75.540, 294.117



47, 94.199, 297.744



52, 90.427, 307.722



48, 6.187, 283.592



26, 96.840, 303.539



5, 37.152, 297.741

Previews

White Background



This preview shows how the CIELCh color 89, 66.118, 95.089 looks on a white background.

Color Contrast Check

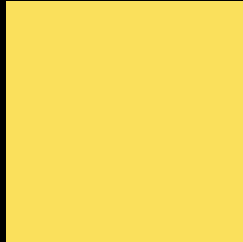
Large Text (above 18pt) WCAG AA × Fail

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, 66.118, 95.089 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, 66.118, 95.089

Background



This preview shows how black text looks on a background with the CIELCh color 89, 66.118, 95.089.



This preview shows how white text looks on a background with the CIELCh color 89, 66.118, 95.089.

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, 66.118, 95.089

Protanopia

89, 66.038, 95.453

Deuteranopia

89, 29.996, 78.529



Tritanopia
89, 17.261, 355.873

Trichromacy



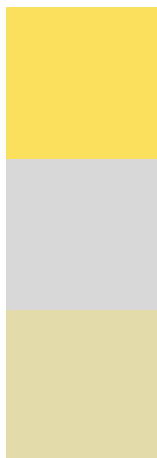
Original Color
89, 66.118, 95.089

Protanomaly
89, 66.038, 95.453

Deuteranomaly
89, 43.422, 88.488

Tritanomaly
89, 25.117, 73.006

Monochromacy



Original Color
89, 66.118, 95.089

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 25.148, 100.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 66.118, 95.089 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, 224, 92)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 92)  
}
```

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, 224, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 66.118, 95.089 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, 224, 92) }
```

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

```
.border{ border-color:rgb(250, 224, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 92);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 66.118, 95.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 92) }
```

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

```
.background{ background-color: rgb(250,  
224, 92) }
```

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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