

Converting Colors

CIELCh(89, 72.025, 95.326)

Have a look what the booklet for
CIELCh(89, 72.025, 95.326) contains.

CIELCh(89, 72.025, 95.326)	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(89, 72.025, 95.326)

Conversions

Conversions Part 1

Format	Color
Hex	FAE04D
RGB	250, 224, 77
RGB Percent	98%, 88%, 30%
CMY	0.0197, 0.1216, 0.6981
CMYK	0.00, 0.10, 0.69, 0.02
HSL	51°, 95%, 64%
HSV	51°, 69%, 98%
XYZ	67.4129, 74.1641, 17.7817
YIQ	215.0160, 62.6830, -40.2050

Conversions

Conversions Part 2

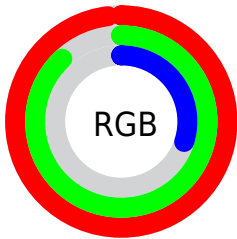
Format	Color
RYB	108, 250, 77
Decimal	16441421
CIELab	89.00, -6.69, 71.71
CIElCh	89, 72.025, 95.326
Yxy	74.1641, 0.4230, 0.4654
Android (android.graphics.Color)	4294631501 (0xFFFAE04D)
YUV	215.0160, -68.0419, 30.6810
Hunter-Lab	86.1186, -10.9794, 48.0408

Details

The CIELCh color **89, 72.025, 95.326** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **50, 85.073, 296.395**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 59.971, 105.587**, and **69, 71.901, 95.181** is the 20% darker color. If you saturate the color by 10%, you get **88, 79.249, 94.207**, and if you desaturate by 10%, it is **90, 63.118, 96.468**.

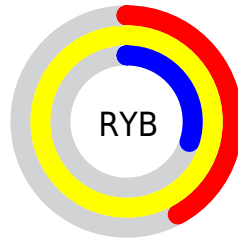
Distribution



Red (98%)

Green (88%)

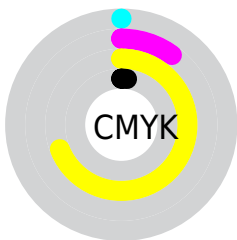
Blue (30%)



Red (42%)

Yellow (98%)

Blue (30%)

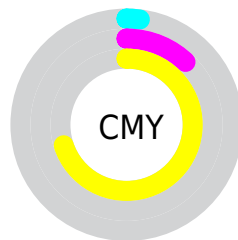


Cyan (0%)

Magenta (10%)

Yellow (69%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 72.025, 95.326 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, 72.025, 95.326 by changing the saturation by 10% instead.

 89, 72.025, 95.326

 89, 72.025, 95.326

 100, 72.025,
95.326

 79, 72.025, 95.326

 69, 72.025, 95.326

 59, 72.025, 95.326

 49, 72.025, 95.326

 39, 72.025, 95.326

 29, 72.025, 95.326

 19, 72.025, 95.326

 9, 72.025, 95.326

 0, 72.025, 95.326

89, 72.025, 95.326

89, 72.025, 95.326

88, 79.249, 94.207

90, 63.118, 96.468

87, 84.034, 93.085

91, 53.185, 97.624

86, 86.067, 91.926

93, 42.677, 98.788

86, 86.181, 91.833

94, 31.880, 99.950

95, 20.962,
101.096

97, 10.023,
102.213

98, 0.881, 283.498

99, 1.486, 218.874

100, 1.739,
199.676

Harmonies

Complementary

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



89, 72.025, 95.326



50, 85.073, 296.395

Rectangle

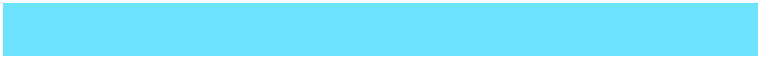
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 72.025, 95.326



89, 72.025, 145.326



89, 72.025, 275.326



89, 72.025, 325.326

Sweetspot

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



89, 72.025, 95.329



97, 23.303, 100.889



59, 70.542, 18.479



51, 15.774, 100.573



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, 72.025, 95.329



89, 82.672, 93.773



92, 84.290, 119.853



52, 6.192, 102.181



67, 69.866, 92.044



22, 30.465, 93.740

Inverse Universe

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



50, 85.073, 296.395



42, 105.337, 300.285



49, 98.835, 308.163



48, 6.284, 284.353



25, 98.068, 303.907



5, 37.573, 298.054

Previews

White Background



This preview shows how the CIELCh color 89, 72.025, 95.326 looks on a white background.

Color Contrast Check

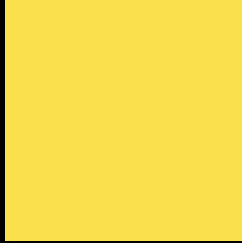
Large Text (above 18pt) WCAG AA × Fail

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, 72.025, 95.326 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, 72.025, 95.326

Background



This preview shows how black text looks on a background with the CIELCh color 89, 72.025, 95.326.



This preview shows how white text looks on a background with the CIELCh color 89, 72.025, 95.326.

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, 72.025, 95.326

Protanopia

89, 72.025, 95.326

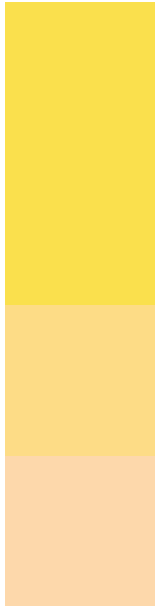
Deuteranopia

89, 30.456, 78.931



Tritanopia
89, 17.072, 357.474

Trichromacy



Original Color
89, 72.025, 95.326

Protanomaly
89, 72.025, 95.326

Deuteranomaly
89, 46.273, 89.286

Tritanomaly
88, 27.778, 76.265

Monochromacy



Original Color
89, 72.025, 95.326

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 27.772, 99.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 72.025, 95.326 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 72.025, 95.326 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, 77) }
```

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

```
.border{ border-color:rgb(250, 224, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 77);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 72.025, 95.326 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, 77) }
```

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

```
.background{ background-color: rgb(250,  
224, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor