

Converting Colors

CIELCh(89, 88.700, 95.267)

Have a look what the booklet for
CIELCh(89, 88.700, 95.267) contains.

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Color

CIELCh(89, 88.603, 94.988)

Conversions

Conversions Part 1

Format	Color
Hex	FCE003
RGB	252, 224, 3
RGB Percent	99%, 88%, 1%
CMY	0.0109, 0.1207, 0.9891
CMYK	0.00, 0.11, 0.99, 0.01
HSL	53°, 98%, 50%
HSV	53°, 99%, 99%
XYZ	66.9521, 74.1641, 10.8655
YIQ	207.1780, 87.6290, -62.7950

Conversions

Conversions Part 2

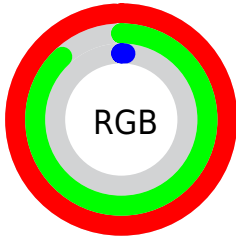
Format	Color
R _Y B	35, 252, 3
Decimal	16572419
CIE Lab	89.00, -7.70, 88.27
CIE LCh	89, 88.603, 94.988
Yxy	74.1641, 0.4405, 0.4880
Android (android.graphics.Color)	4294762499 (0xFFFC003)
YUV	207.1780, -100.6598, 39.3089
Hunter-Lab	86.1186, -11.9344, 52.8024

Details

The CIELCh color **89, 88.603, 94.988** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **34, 126.040, 304.885**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 77.517, 104.262**, and **69, 71.901, 95.181** is the 20% darker color. If you saturate the color by 10%, you get **89, 88.757, 94.894**, and if you desaturate by 10%, it is **90, 86.516, 95.869**.

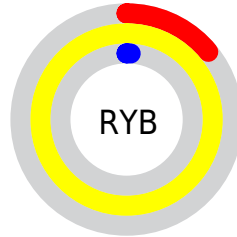
Distribution



Red (99%)

Green (88%)

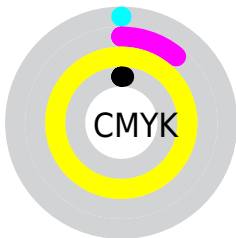
Blue (1%)



Red (14%)

Yellow (99%)

Blue (1%)

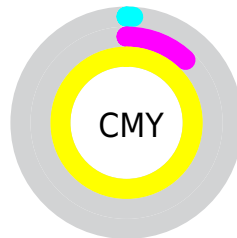


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 88.603, 94.988 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, 88.603, 94.988 by changing the saturation by 10% instead.

 89, 88.603, 94.988

 89, 88.603, 94.988

 100, 88.603,
94.988

 79, 88.603, 94.988

 69, 88.603, 94.988

 59, 88.603, 94.988

 49, 88.603, 94.988

 39, 88.603, 94.988

 29, 88.603, 94.988

 19, 88.603, 94.988

 9, 88.603, 94.988

 0, 88.603, 94.988

■ 89, 88.603, 94.988

■ 89, 88.603, 94.988

■ 89, 88.757, 94.894

■ 90, 86.516, 95.869

■ 91, 81.661, 96.783

■ 91, 74.326, 97.756

■ 92, 65.230, 98.785

■ 93, 55.022, 99.858

■ 94, 44.165,
100.957

■ 95, 32.959,
102.064

■ 97, 21.585,
103.166

■ 98, 10.153,
104.244

Harmonies

Complementary

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



89, 88.603, 94.988



34, 126.040, 304.885

Rectangle

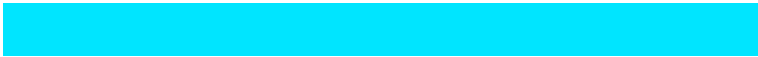
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 88.603, 94.988



89, 88.603, 144.988



89, 88.603, 274.988



89, 88.603, 324.988

Sweetspot

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



89, 88.602, 94.990



96, 34.513, 101.940



53, 97.647, 35.428



51, 23.508, 101.473



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, 88.602, 94.990



90, 89.493, 94.889



90, 104.019, 123.831



52, 6.441, 104.181



68, 71.456, 95.047



23, 31.396, 96.361

Inverse Universe

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



34, 126.040, 304.885



34, 127.979, 305.049



37, 126.573, 309.427



48, 6.552, 286.283



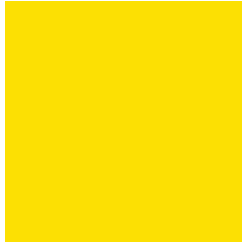
24, 100.984, 304.750



4, 38.701, 298.843

Previews

White Background



This preview shows how the CIELCh color 89, 88.603, 94.988 looks on a white background.

Color Contrast Check

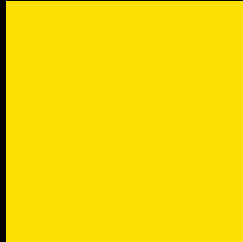
Large Text (above 18pt) WCAG AA × Fail

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, 88.603, 94.988 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, 88.603, 94.988

Background



This preview shows how black text looks on a background with the CIELCh color 89, 88.603, 94.988.



This preview shows how white text looks on a background with the CIELCh color 89, 88.603, 94.988.

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, 88.523, 94.988

Protanopia

89, 88.523, 94.988

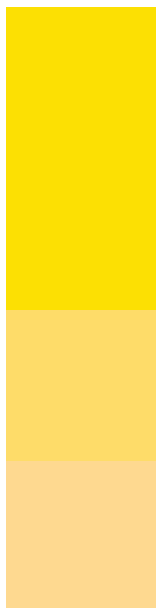
Deuteranopia

89, 31.842, 80.057



Tritanopia
89, 16.373, 0.293

Trichromacy



Original Color
89, 88.523, 94.988

Protanomaly
89, 88.523, 94.988

Deuteranomaly
89, 59.729, 91.311

Tritanomaly
88, 40.813, 85.127

Monochromacy



Original Color
89, 88.523, 94.988

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 41.483, 100.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 88.603, 94.988 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, 224, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 3)  
}
```

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, 224, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 88.603, 94.988 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, 224, 3) }
```

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

```
.border{ border-color:rgb(252, 224, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 3);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 88.603, 94.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 3) }
```

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

```
.background{ background-color: rgb(252,  
224, 3) }
```

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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