

Converting Colors

CIELCh(85, 82.923, 89.031)

Have a look what the booklet for
CIELCh(85, 82.923, 89.031) contains.

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Color

CIELCh(85, 82.953, 89.288)

Conversions

Conversions Part 1

Format	Color
Hex	FDD019
RGB	253, 208, 25
RGB Percent	99%, 82%, 10%
CMY	0.0082, 0.1846, 0.9025
CMYK	0.00, 0.18, 0.90, 0.01
HSL	48°, 98%, 54%
HSV	48°, 90%, 99%
XYZ	63.1844, 66.0070, 10.3212
YIQ	200.5930, 85.5630, -47.3730

Conversions

Conversions Part 2

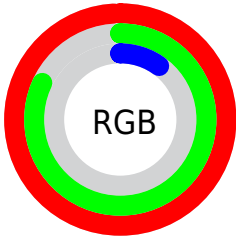
Format	Color
R _Y B	81, 253, 25
Decimal	16633881
CIE Lab	85.00, 1.03, 82.95
CIE LCh	85, 82.953, 89.288
Yxy	66.0070, 0.4529, 0.4731
Android (android.graphics.Color)	4294823961 (0xFFFD019)
YUV	200.5930, -86.5673, 45.9609
Hunter-Lab	81.2447, -3.3579, 49.3392

Details

The CIELCh color **85, 82.953, 89.288** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **41, 107.666, 300.492**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **65, 68.942, 88.378** is the 20% darker color. If you saturate the color by 10%, you get **84, 84.879, 87.780**, and if you desaturate by 10%, it is **86, 78.286, 90.688**.

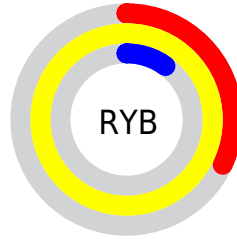
Distribution



Red (99%)

Green (82%)

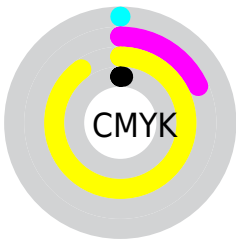
Blue (10%)



Red (32%)

Yellow (99%)

Blue (10%)

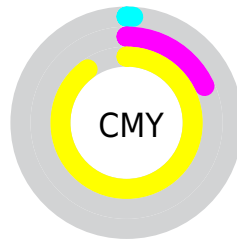


Cyan (0%)

Magenta (18%)

Yellow (90%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 82.953, 89.288 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 85, 82.953, 89.288 by changing the saturation by 10% instead.

 85, 82.953, 89.288

 85, 82.953, 89.288

 100, 82.953,
89.288

 75, 82.953, 89.288

 65, 82.953, 89.288

 55, 82.953, 89.288

 45, 82.953, 89.288

 35, 82.953, 89.288

 25, 82.953, 89.288

 15, 82.953, 89.288

 5, 82.953, 89.288

 0, 82.953, 89.288

85, 82.953, 89.288

85, 82.953, 89.288

84, 84.879, 87.780

86, 78.286, 90.688

88, 71.145, 92.001

89, 62.347, 93.277

91, 52.578, 94.536

92, 42.299, 95.784

94, 31.790, 97.014

96, 21.211, 98.220

97, 10.655, 99.390

99, 0.169, 99.449

Harmonies

Complementary

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



85, 82.953, 89.288



41, 107.666, 300.492

Rectangle

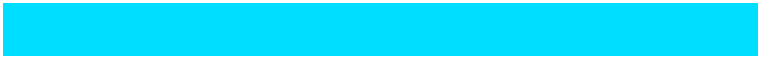
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 82.953, 89.288



85, 82.953, 139.288



85, 82.953, 269.288



85, 82.953, 319.288

Sweetspot

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



85, 82.952, 89.291



95, 28.626, 97.398



54, 87.182, 25.327



50, 19.297, 96.983



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 82.952, 89.291



84, 85.408, 87.772



92, 98.729, 119.157



52, 5.993, 99.466



65, 68.897, 88.071



22, 30.529, 90.106

Inverse Universe

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



41, 107.666, 300.492



37, 119.336, 303.023



38, 123.705, 308.371



49, 6.064, 281.732



27, 94.741, 302.591



6, 37.753, 297.691

Previews

White Background



This preview shows how the CIELCh color 85, 82.953, 89.288 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 85, 82.953, 89.288 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 85, 82.953, 89.288

Background



This preview shows how black text looks on a background with the CIELCh color 85, 82.953, 89.288.



This preview shows how white text looks on a background with the CIELCh color 85, 82.953, 89.288.

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

85, 82.953, 89.288

Protanopia

85, 82.436, 94.877

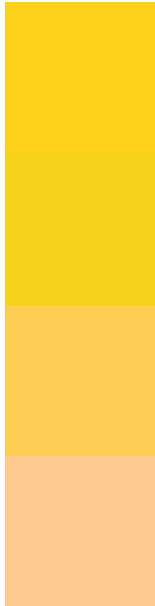
Deuteranopia

85, 49.964, 80.547



Tritanopia
85, 22.506, 5.117

Trichromacy



Original Color
85, 82.953, 89.288

Protanomaly
85, 82.549, 92.698

Deuteranomaly
85, 64.791, 85.581

Tritanomaly
84, 38.378, 72.522

Monochromacy



Original Color
85, 82.953, 89.288

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 35.640, 96.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 82.953, 89.288 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(253, 208, 25)` looks like.

```
.text, #text, p{  
    color:rgb(253, 208, 25)  
}
```

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(253, 208, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 208, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 82.953, 89.288 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(253, 208, 25) }
```

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

```
.border{ border-color:rgb(253, 208, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 208, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 208, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 208, 25);  
box-shadow:4px 4px 4px 4px rgb(253, 208,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 82.953, 89.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 208, 25) }
```

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

```
.background{ background-color: rgb(253,  
208, 25) }
```

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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