

Converting Colors

CIELCh(85, 82.698, 94.271)

Have a look what the booklet for
CIELCh(85, 82.698, 94.271) contains.

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Color

CIELCh(85, 82.607, 94.243)

Conversions

Conversions Part 1

Format	Color
Hex	F1D419
RGB	241, 212, 25
RGB Percent	95%, 83%, 10%
CMY	0.0540, 0.1678, 0.9003
CMYK	0.00, 0.12, 0.89, 0.05
HSL	52°, 89%, 52%
HSV	52°, 89%, 95%
XYZ	60.1323, 66.0070, 10.5146
YIQ	199.3530, 77.3110, -52.0090

Conversions

Conversions Part 2

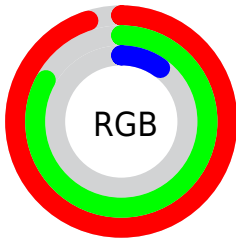
Format	Color
RYB	58, 241, 25
Decimal	15848473
CIELab	85.00, -6.11, 82.38
CIELCh	85, 82.607, 94.243
Yxy	66.0070, 0.4400, 0.4830
Android (android.graphics.Color)	4294038553 (0xFFFF1D419)
YUV	199.3530, -85.9560, 36.5244
Hunter-Lab	81.2447, -10.0636, 49.1981

Details

The CIELCh color **85, 82.607, 94.243** 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 **36, 110.339, 302.417**, 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, 68.588, 94.312** is the 20% darker color. If you saturate the color by 10%, you get **84, 84.590, 93.208**, and if you desaturate by 10%, it is **86, 78.005, 95.277**.

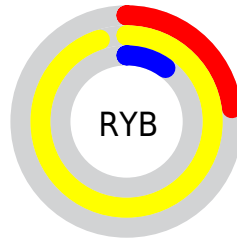
Distribution



Red (95%)

Green (83%)

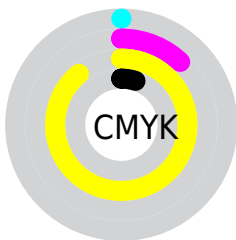
Blue (10%)



Red (23%)

Yellow (95%)

Blue (10%)

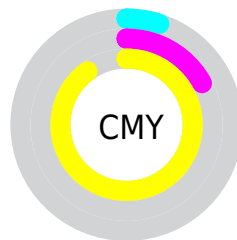


Cyan (0%)

Magenta (12%)

Yellow (89%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 82.607, 94.243 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, 82.607, 94.243 by changing the saturation by 10% instead.

 85, 82.607, 94.243

 85, 82.607, 94.243

 100, 82.607,
94.243

 75, 82.607, 94.243

 65, 82.607, 94.243

 55, 82.607, 94.243

 45, 82.607, 94.243

 35, 82.607, 94.243

 25, 82.607, 94.243

 15, 82.607, 94.243

 5, 82.607, 94.243

 0, 82.607, 94.243

■ 85, 82.607, 94.243

■ 85, 82.607, 94.243

■ 84, 84.590, 93.208

■ 86, 78.005, 95.277

■ 84, 84.670, 93.152

■ 87, 71.015, 96.333

■ 88, 62.349, 97.424

■ 89, 52.641, 98.542

■ 90, 42.338, 99.677

■ 91, 31.724,
100.813

■ 93, 20.971,
101.939

■ 94, 10.179,
103.039

■ 95, 0.592, 284.369

Harmonies

Complementary

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



85, 82.607, 94.243



36, 110.339, 302.417

Rectangle

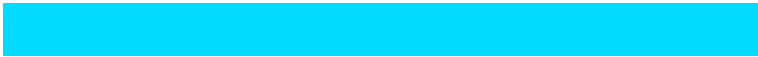
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 82.607, 94.243



85, 82.607, 144.243



85, 82.607, 274.243



85, 82.607, 324.243

Sweetspot

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



85, 82.606, 94.245



96, 30.426, 101.083



52, 85.910, 28.636



51, 20.489, 100.695



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, 82.606, 94.245



88, 88.283, 93.120



88, 96.233, 121.338



50, 6.083, 103.038



66, 69.089, 93.337



20, 28.452, 95.144

Inverse Universe

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



36, 110.339, 302.417



35, 126.081, 304.624



38, 117.710, 309.211



46, 6.179, 285.171



24, 97.218, 304.245



4, 34.290, 296.246

Previews

White Background



This preview shows how the CIELCh color 85, 82.607, 94.243 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, 82.607, 94.243 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, 82.607, 94.243

Background



This preview shows how black text looks on a background with the CIELCh color 85, 82.607, 94.243.



This preview shows how white text looks on a background with the CIELCh color 85, 82.607, 94.243.

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, 82.607, 94.243

Protanopia

85, 82.536, 95.180

Deuteranopia

85, 50.416, 80.724



Tritanopia
85, 22.325, 359.277

Trichromacy



Original Color
85, 82.607, 94.243

Protanomaly
85, 82.606, 94.879

Deuteranomaly
85, 64.639, 87.959

Tritanomaly
84, 36.134, 75.855

Monochromacy



Original Color
85, 82.607, 94.243

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 35.295, 99.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 82.607, 94.243 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(241, 212, 25)` looks like.

```
.text, #text, p{  
    color:rgb(241, 212, 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(241, 212, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 82.607, 94.243 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(241, 212, 25) }
```

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

```
.border{ border-color:rgb(241, 212, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 212, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 25);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 82.607, 94.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 25) }
```

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

```
.background{ background-color: rgb(241,  
212, 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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