

Converting Colors

CIELCh(88, 83.145, 92.730)

Have a look what the booklet for
CIELCh(88, 83.145, 92.730) contains.

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Color

CIELCh(88, 83.043, 92.692)

Conversions

Conversions Part 1

Format	Color
Hex	FEDB25
RGB	254, 219, 37
RGB Percent	100%, 86%, 15%
CMY	0.0028, 0.1401, 0.8533
CMYK	0.00, 0.14, 0.85, 0.00
HSL	50°, 99%, 57%
HSV	50°, 85%, 100%
XYZ	66.7235, 72.0653, 12.1772
YIQ	208.7170, 79.2820, -49.1820

Conversions

Conversions Part 2

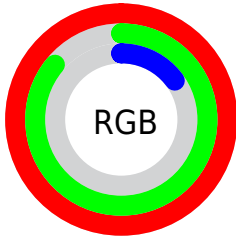
Format	Color
R _Y B	79, 254, 37
Decimal	16702245
CIE Lab	88.00, -3.90, 82.95
CIE LCh	88, 83.043, 92.692
Yxy	72.0653, 0.4420, 0.4774
Android (android.graphics.Color)	4294892325 (0xFFFE DB25)
YUV	208.7170, -84.6565, 39.7132
Hunter-Lab	84.8913, -8.2609, 50.9191

Details

The CIELCh color **88, 83.043, 92.692** 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 **42, 106.667, 300.490**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 72.857, 104.610**, and **68, 71.247, 92.446** is the 20% darker color. If you saturate the color by 10%, you get **87, 86.105, 91.474**, and if you desaturate by 10%, it is **89, 77.137, 93.869**.

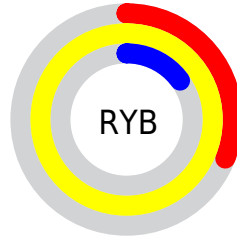
Distribution



Red (100%)

Green (86%)

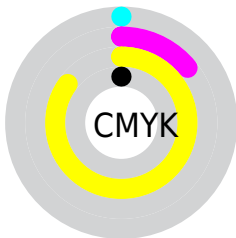
Blue (15%)



Red (31%)

Yellow (100%)

Blue (15%)

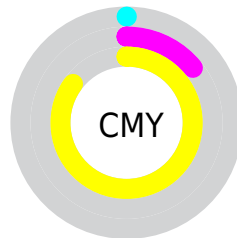


Cyan (0%)

Magenta (14%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 83.043, 92.692 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 88, 83.043, 92.692 by changing the saturation by 10% instead.

 88, 83.043, 92.692

 88, 83.043, 92.692

 100, 83.043,
92.692

 78, 83.043, 92.692

 68, 83.043, 92.692

 58, 83.043, 92.692

 48, 83.043, 92.692

 38, 83.043, 92.692

 28, 83.043, 92.692

 18, 83.043, 92.692

 8, 83.043, 92.692

 0, 83.043, 92.692

88, 83.043, 92.692

88, 83.043, 92.692

87, 86.105, 91.474

89, 77.137, 93.869

86, 86.759, 90.876

90, 69.068, 95.037

92, 59.599, 96.213

93, 49.317, 97.398

94, 38.604, 98.581

96, 27.693, 99.755

97, 16.719,
100.905

99, 5.760, 102.013

100, 0.244,
202.108

Harmonies

Complementary

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



88, 83.043, 92.692



42, 106.667, 300.490

Rectangle

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



88, 83.043, 92.692



88, 83.043, 142.692



88, 83.043, 272.692



88, 83.043, 322.692

Sweetspot

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



88, 83.042, 92.695



96, 28.539, 99.671



55, 85.576, 25.432



51, 19.343, 99.266



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 83.042, 92.695



87, 86.939, 90.874



92, 97.675, 120.312



52, 6.221, 101.554



67, 70.129, 91.108



23, 31.339, 92.805

Inverse Universe

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



42, 106.667, 300.490



36, 123.410, 304.009



41, 119.429, 308.902



49, 6.311, 283.752



26, 98.142, 303.637



5, 38.987, 298.628

Previews

White Background



This preview shows how the CIELCh color 88, 83.043, 92.692 looks on a white background.

Color Contrast Check

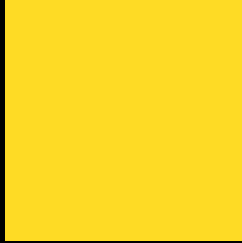
Large Text (above 18pt) WCAG AA × Fail

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 88, 83.043, 92.692 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 88, 83.043, 92.692

Background



This preview shows how black text looks on a background with the CIELCh color 88, 83.043, 92.692.



This preview shows how white text looks on a background with the CIELCh color 88, 83.043, 92.692.

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

88, 83.043, 92.692

Protanopia

88, 82.891, 94.839

Deuteranopia

88, 35.787, 80.471



Tritanopia
88, 17.839, 2.137

Trichromacy



Original Color
88, 83.043, 92.692

Protanomaly
88, 82.801, 93.911

Deuteranomaly
88, 55.869, 88.904

Tritanomaly
88, 35.341, 78.652

Monochromacy



Original Color
88, 83.043, 92.692

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 34.596, 99.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 83.043, 92.692 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(254, 219, 37)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 37)  
}
```

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(254, 219, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 83.043, 92.692 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(254, 219, 37) }
```

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

```
.border{ border-color:rgb(254, 219, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 37);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
37) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 83.043, 92.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 37) }
```

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

```
.background{ background-color: rgb(254,  
219, 37) }
```

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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