

Converting Colors

CIELCh(84, 74.413, 89.215)

Have a look what the booklet for
CIELCh(84, 74.413, 89.215) contains.

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Color

CIELCh(84, 74.183, 89.059)

Conversions

Conversions Part 1

Format	Color
Hex	F8CD38
RGB	248, 205, 56
RGB Percent	97%, 80%, 22%
CMY	0.0264, 0.1951, 0.7793
CMYK	0.00, 0.17, 0.77, 0.03
HSL	47°, 93%, 60%
HSV	47°, 77%, 97%
XYZ	61.4104, 64.0658, 12.9046
YIQ	200.8710, 73.4570, -37.2230

Conversions

Conversions Part 2

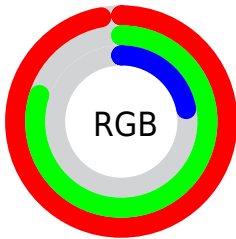
Format	Color
R_{YB}	111, 248, 56
Decimal	16305464
CIE _{Lab}	84.00, 1.22, 74.17
CIE _{LCh}	84, 74.183, 89.059
Yxy	64.0658, 0.4438, 0.4630
Android (android.graphics.Color)	4294495544 (0xFFFF8CD38)
YUV	200.8710, -71.4214, 41.3321
Hunter-Lab	80.0411, -3.1204, 46.4697

Details

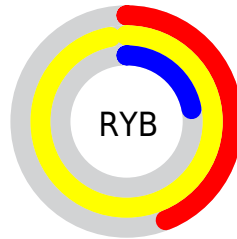
The CIELCh color **84, 74.183, 89.059** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **48, 86.809, 295.379**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 68.311, 104.953**, and **64, 67.911, 88.506** is the 20% darker color. If you saturate the color by 10%, you get **83, 79.672, 87.560**, and if you desaturate by 10%, it is **86, 66.545, 90.453**.

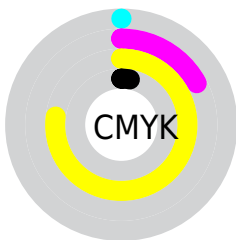
Distribution



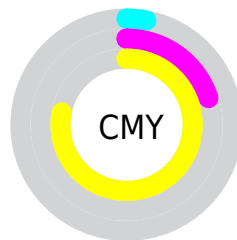
- Red (97%)
- Green (80%)
- Blue (22%)



- Red (44%)
- Yellow (97%)
- Blue (22%)



- Cyan (0%)
- Magenta (17%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 74.183, 89.059 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 84, 74.183, 89.059 by changing the saturation by 10% instead.

 84, 74.183, 89.059

 84, 74.183, 89.059

 100, 74.183,
89.059

 74, 74.183, 89.059

 64, 74.183, 89.059

 54, 74.183, 89.059

 44, 74.183, 89.059

 34, 74.183, 89.059

 24, 74.183, 89.059

 14, 74.183, 89.059

 4, 74.183, 89.059

 0, 74.183, 89.059

84, 74.183, 89.059

84, 74.183, 89.059

83, 79.672, 87.560

86, 66.545, 90.453

81, 82.333, 85.860

87, 57.572, 91.789

81, 82.769, 85.386

89, 47.868, 93.096

91, 37.816, 94.380

92, 27.638, 95.638

94, 17.458, 96.863

96, 7.344, 98.042

98, 2.670, 279.298

100, 2.337,
199.541

Harmonies

Complementary

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



84, 74.183, 89.059



48, 86.809, 295.379

Rectangle

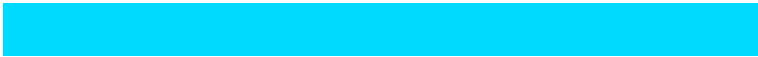
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 74.183, 89.059



84, 74.183, 139.059



84, 74.183, 269.059



84, 74.183, 319.059

Sweetspot

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



84, 74.183, 89.062



95, 23.731, 96.169



56, 75.817, 16.388



50, 16.446, 95.722



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 74.183, 89.062



84, 83.240, 86.604



91, 89.214, 116.969



51, 5.731, 97.793



63, 67.453, 85.724



20, 28.822, 88.080

Inverse Universe

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



48, 86.809, 295.379



41, 108.142, 300.256



42, 109.431, 307.316



49, 5.788, 280.107



28, 90.942, 301.649



6, 35.183, 296.134

Previews

White Background



This preview shows how the CIELCh color 84, 74.183, 89.059 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 84, 74.183, 89.059 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 84, 74.183, 89.059

Background



This preview shows how black text looks on a background with the CIELCh color 84, 74.183, 89.059.



This preview shows how white text looks on a background with the CIELCh color 84, 74.183, 89.059.

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](#).

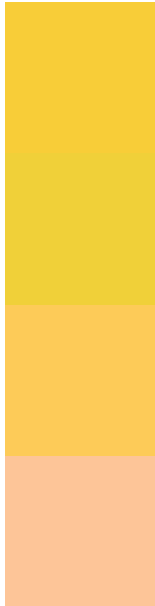
Dichromacy





Tritanopia
84, 24.273, 3.912

Trichromacy



Original Color
84, 74.183, 89.059

Protanomaly
84, 73.678, 92.848

Deuteranomaly
84, 62.543, 84.650

Tritanomaly
83, 33.424, 64.740

Monochromacy



Original Color
84, 74.183, 89.059

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 29.518, 95.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 74.183, 89.059 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(248, 205, 56)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 56)  
}
```

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(248, 205, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 74.183, 89.059 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(248, 205, 56) }
```

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

```
.border{ border-color:rgb(248, 205, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 205, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 56);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 74.183, 89.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 56) }
```

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

```
.background{ background-color: rgb(248,  
205, 56) }
```

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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