

Converting Colors

CIELCh(85, 58.984, 90.778)

Have a look what the booklet for
CIELCh(85, 58.984, 90.778) contains.

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Color

CIELCh(85, 59.138, 90.893)

Conversions

Conversions Part 1

Format	Color
Hex	F4D261
RGB	244, 210, 97
RGB Percent	96%, 82%, 38%
CMY	0.0442, 0.1775, 0.6206
CMYK	0.00, 0.14, 0.60, 0.04
HSL	46°, 87%, 67%
HSV	46°, 60%, 96%
XYZ	62.3401, 66.0070, 20.7035
YIQ	207.2840, 56.5370, -27.9350

Conversions

Conversions Part 2

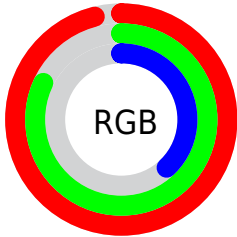
Format	Color
RYB	141, 244, 97
Decimal	16044641
CIELab	85.00, -0.92, 59.13
CIELCh	85, 59.138, 90.893
Yxy	66.0070, 0.4182, 0.4428
Android (android.graphics.Color)	4294234721 (0xFFFF4D261)
YUV	207.2840, -54.3700, 32.1999
Hunter-Lab	81.2447, -5.2130, 41.7625

Details

The CIELCh color **85, 59.138, 90.893** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **57, 64.268, 289.850**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 51.641, 106.227**, and **65, 59.101, 90.823** is the 20% darker color. If you saturate the color by 10%, you get **83, 67.669, 89.530**, and if you desaturate by 10%, it is **87, 49.760, 92.223**.

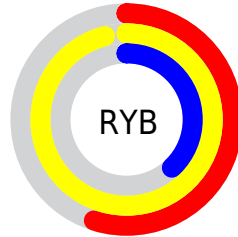
Distribution



Red (96%)

Green (82%)

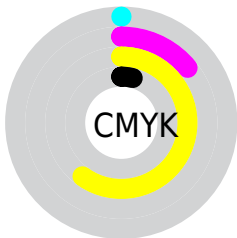
Blue (38%)



Red (55%)

Yellow (96%)

Blue (38%)

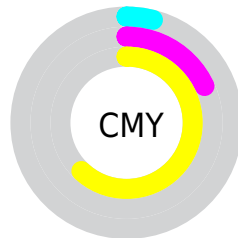


Cyan (0%)

Magenta (14%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (18%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 59.138, 90.893 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, 59.138, 90.893 by changing the saturation by 10% instead.

 85, 59.138, 90.893

 85, 59.138, 90.893

 100, 59.138,
90.893

 75, 59.138, 90.893

 65, 59.138, 90.893

 55, 59.138, 90.893

 45, 59.138, 90.893

 35, 59.138, 90.893

 25, 59.138, 90.893

 15, 59.138, 90.893

 5, 59.138, 90.893

 0, 59.138, 90.893

85, 59.138, 90.893

85, 59.138, 90.893

83, 67.669, 89.530

87, 49.760, 92.223

82, 74.690, 88.089

88, 39.964, 93.523

80, 79.372, 86.502

90, 30.006, 94.797

79, 81.414, 84.759

92, 20.028, 96.040

94, 10.107, 97.242

96, 0.283, 97.715

98, 3.497, 257.773

99, 3.832, 200.723

99, 3.895, 199.328

Harmonies

Complementary

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



85, 59.138, 90.893



57, 64.268, 289.850

Rectangle

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



85, 59.138, 90.893



85, 59.138, 140.893



85, 59.138, 270.893



85, 59.138, 320.893

Sweetspot

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



85, 59.138, 90.896



96, 18.402, 96.315



61, 60.104, 10.373



51, 12.805, 95.959



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, 59.138, 90.896



87, 71.533, 89.267



91, 72.854, 117.135



50, 5.593, 97.337



62, 66.601, 85.109



19, 27.507, 87.614

Inverse Universe

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



57, 64.268, 289.850



52, 81.150, 293.377



52, 84.538, 305.748



48, 5.645, 279.659



28, 89.188, 301.360



6, 33.338, 295.043

Previews

White Background



This preview shows how the CIELCh color 85, 59.138, 90.893 looks on a white background.

Color Contrast Check

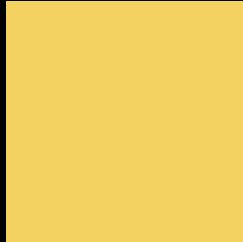
Large Text (above 18pt) WCAG AA × Fail

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, 59.138, 90.893 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, 59.138, 90.893

Background



This preview shows how black text looks on a background with the CIELCh color 85, 59.138, 90.893.



This preview shows how white text looks on a background with the CIELCh color 85, 59.138, 90.893.

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, 59.138, 90.893

Protanopia

85, 58.827, 95.534

Deuteranopia

85, 46.329, 78.957



Tritanopia
85, 22.674, 359.673

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 59.138, 90.893 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(244, 210, 97)` looks like.

```
.text, #text, p{  
    color:rgb(244, 210, 97)  
}
```

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(244, 210, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 210, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 59.138, 90.893 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(244, 210, 97) }
```

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

```
.border{ border-color:rgb(244, 210, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 210, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 210, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 210, 97);  
box-shadow:4px 4px 4px 4px rgb(244, 210,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 59.138, 90.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 210, 97) }
```

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

```
.background{ background-color: rgb(244,  
210, 97) }
```

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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