

Converting Colors

CIELCh(95, 85.677, 103.521)

Have a look what the booklet for
CIELCh(95, 85.677, 103.521)
contains.

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Color

CIELCh(95, 85.575, 103.534)

Conversions

Conversions Part 1

Format	Color
Hex	F8F83B
RGB	248, 248, 59
RGB Percent	97%, 97%, 23%
CMY	0.0264, 0.0264, 0.7674
CMYK	0.00, 0.00, 0.76, 0.03
HSL	60°, 93%, 60%
HSV	60°, 76%, 97%
XYZ	73.2528, 87.6183, 17.2313
YIQ	226.4540, 60.6690, -58.7790

Conversions

Conversions Part 2

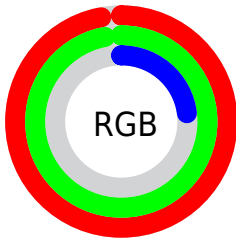
Format	Color
RYB	59, 248, 59
Decimal	16316475
CIELab	95.00, -20.03, 83.20
CIELCh	95, 85.575, 103.534
Yxy	87.6183, 0.4113, 0.4920
Android (android.graphics.Color)	4294506555 (0xFFFF8F83B)
YUV	226.4540, -82.5548, 18.8958
Hunter-Lab	93.6047, -24.1183, 54.6088

Details

The CIELCh color **95, 85.575, 103.534** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **39, 110.288, 303.269**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 65.303, 105.181**, and **75, 78.331, 104.469** is the 20% darker color. If you saturate the color by 10%, you get **95, 91.272, 103.117**, and if you desaturate by 10%, it is **95, 77.522, 104.140**.

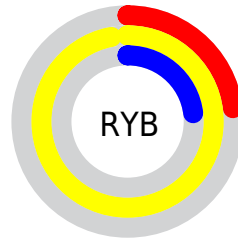
Distribution



Red (97%)

Green (97%)

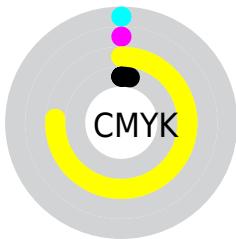
Blue (23%)



Red (23%)

Yellow (97%)

Blue (23%)

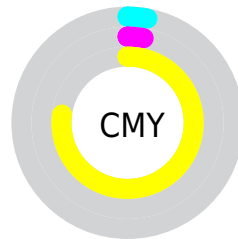


Cyan (0%)

Magenta (0%)

Yellow (76%)

Black (3%)



Cyan (3%)


Magenta (3%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 85.575, 103.534 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 95, 85.575, 103.534 by changing the saturation by 10% instead.


 95, 85.575,
103.534


 95, 85.575,
103.534


 100, 85.575,
103.534


 85, 85.575,
103.534

 75, 85.575,
103.534

 65, 85.575,
103.534

 55, 85.575,
103.534

 45, 85.575,
103.534

 35, 85.575,
103.534

 25, 85.575,

103.534

■ 15, 85.575,
103.534

■ 5, 85.575, 103.534

■ 95, 85.575,
103.534

■ 95, 85.575,
103.534

■ 95, 91.272,
103.117

■ 95, 77.522,
104.140

■ 95, 94.281,
102.898

■ 95, 67.712,
104.890

■ 95, 94.963,
102.848

■ 96, 56.716,
105.745

■ 96, 44.970,
106.667

■ 96, 32.770,
107.629

■ 97, 20.310,
108.606

■ 97, 7.714, 109.576

■ 98, 3.441, 290.456

■ 98, 3.440, 290.447

Harmonies

Complementary

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



95, 85.575, 103.534



39, 110.288, 303.269

Rectangle

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



95, 85.575, 103.534



95, 85.575, 153.534



95, 85.575, 283.534



95, 85.575, 333.534

Sweetspot

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



95, 85.575, 103.536



99, 29.553, 107.929



56, 82.335, 31.790



53, 20.413, 107.576



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 85.575, 103.536



97, 95.024, 102.982



89, 93.531, 125.811



52, 7.217, 109.250



74, 77.276, 102.848



25, 34.378, 103.071

Inverse Universe

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



39, 110.288, 303.269



34, 129.202, 305.642



48, 105.699, 312.127



48, 7.380, 291.169



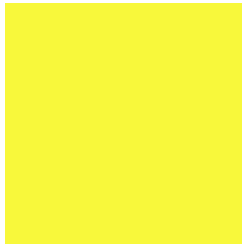
23, 106.706, 306.287



3, 42.024, 300.805

Previews

White Background



This preview shows how the CIELCh color 95, 85.575, 103.534 looks on a white background.

Color Contrast Check

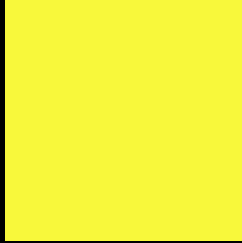
Large Text (above 18pt) WCAG AA × Fail

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 95, 85.575, 103.534 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 95, 85.575, 103.534

Background



This preview shows how black text looks on a background with the CIELCh color 95, 85.575, 103.534.



This preview shows how white text looks on a background with the CIELCh color 95, 85.575, 103.534.

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
95, 85.575, 103.534

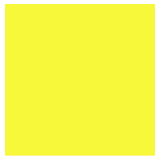
Protanopia
95, 30.022, 97.423

Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 9.093, 341.628

Trichromacy



Original Color
95, 85.575, 103.534



Protanomaly
95, 53.044, 102.054

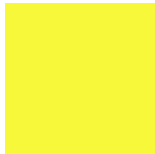


Deuteranomaly
95, 41.666, 100.869

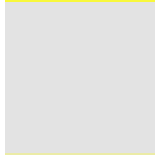


Tritanomaly
94, 31.963, 98.546

Monochromacy



Original Color
95, 85.575, 103.534



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 35.178, 107.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 85.575, 103.534 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, 248, 59)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 59)  
}
```

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, 248, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 85.575, 103.534 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, 248, 59) }
```

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

```
.border{ border-color:rgb(248, 248, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 59);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 85.575, 103.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 59) }
```

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

```
.background{ background-color: rgb(248,  
248, 59) }
```

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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