

Converting Colors

CIELCh(95, 73.822, 101.579)

Have a look what the booklet for
CIELCh(95, 73.822, 101.579)
contains.

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Color

CIELCh(95, 73.807, 101.807)

Conversions

Conversions Part 1

Format	Color
Hex	FEF65C
RGB	254, 246, 92
RGB Percent	100%, 96%, 36%
CMY	0.0046, 0.0359, 0.6398
CMYK	0.00, 0.03, 0.64, 0.00
HSL	57°, 99%, 68%
HSV	57°, 64%, 100%
XYZ	75.6389, 87.6183, 23.0131
YIQ	230.8360, 54.2020, -46.1980

Conversions

Conversions Part 2

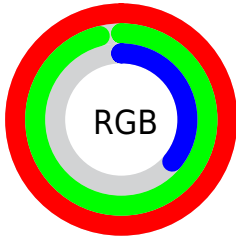
Format	Color
RYB	100, 254, 92
Decimal	16709212
CIELab	95.00, -15.10, 72.25
CIElCh	95, 73.807, 101.807
Yxy	87.6183, 0.4061, 0.4704
Android (android.graphics.Color)	4294899292 (0xFFFEF65C)
YUV	230.8360, -68.4461, 20.3148
Hunter-Lab	93.6047, -19.5681, 50.9465

Details

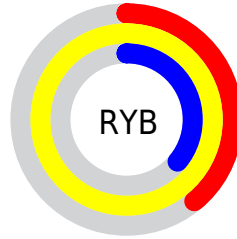
The CIELCh color **95, 73.807, 101.807** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **50, 88.794, 298.969**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **75, 73.830, 101.819** is the 20% darker color. If you saturate the color by 10%, you get **95, 82.302, 101.015**, and if you desaturate by 10%, it is **96, 63.754, 102.705**.

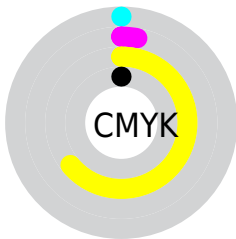
Distribution



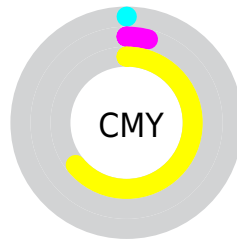
- Red (100%)
- Green (96%)
- Blue (36%)



- Red (39%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 73.807, 101.807 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, 73.807, 101.807 by changing the saturation by 10% instead.


 95, 73.807,
101.807


 95, 73.807,
101.807


 100, 73.807,
101.807


 85, 73.807,
101.807

 75, 73.807,
101.807

 65, 73.807,
101.807

 55, 73.807,
101.807

 45, 73.807,
101.807

 35, 73.807,
101.807

 25, 73.807,

101.807

■ 15, 73.807,
101.807

■ 5, 73.807, 101.807

■ 95, 73.807,
101.807

■ 95, 73.807,
101.807

■ 95, 82.302,
101.015

■ 96, 63.754,
102.705

■ 94, 88.570,
100.352

■ 96, 52.705,
103.671

■ 94, 92.092, 99.833

■ 97, 41.058,
104.679

■ 94, 93.093, 99.569

■ 98, 29.070,
105.705

98, 16.906,
106.732

99, 4.666, 107.732

100, 0.342,
238.531

100, 0.408,
201.002

Harmonies

Complementary

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



95, 73.807, 101.807



50, 88.794, 298.969

Rectangle

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



95, 73.807, 101.807



95, 73.807, 151.807



95, 73.807, 281.807



95, 73.807, 331.807

Sweetspot

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



95, 73.808, 101.810



98, 23.313, 106.200



61, 68.591, 25.320



52, 16.032, 105.906



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, 73.808, 101.810



95, 84.880, 100.787



92, 82.429, 124.535



53, 6.985, 107.169



73, 75.289, 99.627



25, 34.180, 100.211

Inverse Universe

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



50, 88.794, 298.969



42, 108.830, 302.126



55, 92.211, 310.866



49, 7.128, 289.168



24, 105.585, 305.720



4, 42.563, 300.923

Previews

White Background



This preview shows how the CIELCh color 95, 73.807, 101.807 looks on a white background.

Color Contrast Check

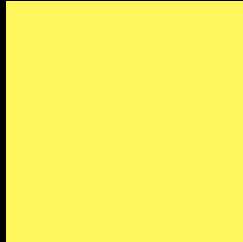
Large Text (above 18pt) WCAG AA × Fail

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, 73.807, 101.807 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, 73.807, 101.807

Background



This preview shows how black text looks on a background with the CIELCh color 95, 73.807, 101.807.

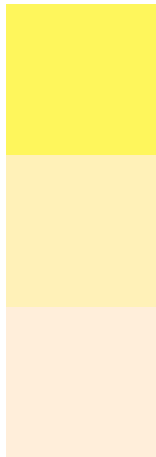


This preview shows how white text looks on a background with the CIELCh color 95, 73.807, 101.807.

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, 73.807, 101.807

Protanopia
95, 29.526, 97.300

Deuteranopia
95, 12.009, 77.799

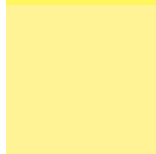


Tritanopia
95, 8.502, 347.064

Trichromacy



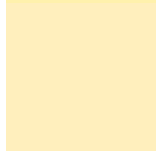
Original Color
95, 73.807, 101.807



Protanomaly
95, 47.013, 100.594



Deuteranomaly
95, 35.468, 98.478

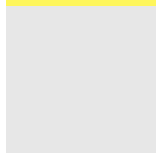


Tritanomaly
95, 26.266, 94.581

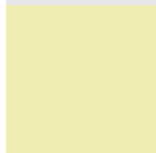
Monochromacy



Original Color
95, 73.807, 101.807



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 28.644, 105.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 73.807, 101.807 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, 246, 92)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 92)  
}
```

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, 246, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 73.807, 101.807 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, 246, 92) }
```

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

```
.border{ border-color:rgb(254, 246, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 246, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 92);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 73.807, 101.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 246, 92) }
```

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

```
.background{ background-color: rgb(254,  
246, 92) }
```

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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