

Converting Colors

CIELCh(95, 76.480, 101.375)

Have a look what the booklet for
CIELCh(95, 76.480, 101.375)
contains.

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Color

CIELCh(95, 76.480, 101.373)

Conversions

Conversions Part 1

Format	Color
Hex	FFF655
RGB	255, 246, 85
RGB Percent	100%, 96%, 33%
CMY	0.0011, 0.0363, 0.6677
CMYK	0.00, 0.04, 0.67, 0.00
HSL	57°, 100%, 67%
HSV	57°, 67%, 100%
XYZ	75.6490, 87.6183, 21.4655
YIQ	230.3370, 57.0450, -48.1630

Conversions

Conversions Part 2

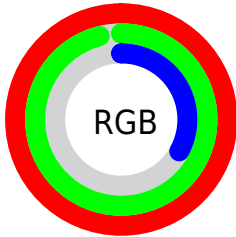
Format	Color
R_{YB}	95, 255, 85
Decimal	16774741
CIE _{Lab}	95.00, -15.08, 74.98
CIE _{LCh}	95, 76.480, 101.373
Yxy	87.6183, 0.4095, 0.4743
Android (android.graphics.Color)	4294964821 (0xFFFFFFFF655)
YUV	230.3370, -71.6511, 21.6295
Hunter-Lab	93.6047, -19.5489, 51.9268

Details

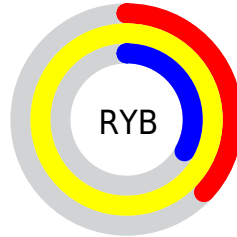
The CIELCh color **95, 76.480, 101.373** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 93.150, 299.556**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 55.849, 105.903**, and **75, 76.438, 101.298** is the 20% darker color. If you saturate the color by 10%, you get **95, 84.408, 100.604**, and if you desaturate by 10%, it is **96, 66.804, 102.254**.

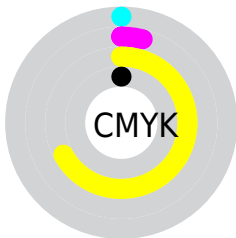
Distribution



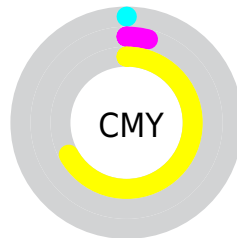
- Red (100%)
- Green (96%)
- Blue (33%)



- Red (37%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 76.480, 101.373 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, 76.480, 101.373 by changing the saturation by 10% instead.


 95, 76.480,
101.373


 95, 76.480,
101.373


 100, 76.480,
101.373


 85, 76.480,
101.373

 75, 76.480,
101.373

 65, 76.480,
101.373

 55, 76.480,
101.373

 45, 76.480,
101.373

 35, 76.480,
101.373

 25, 76.480,

101.373

■ 15, 76.480,
101.373

■ 5, 76.480, 101.373

■ 95, 76.480,
101.373

■ 95, 76.480,
101.373

■ 95, 84.408,
100.604

■ 96, 66.804,
102.254

■ 94, 89.919, 99.967

■ 96, 55.989,
103.210

■ 94, 92.616, 99.467

■ 97, 44.480,
104.214

■ 94, 93.108, 99.322

■ 98, 32.571,
105.242

■ 98, 20.450,
106.274

■ 99, 8.230, 107.292

100, 0.094,
206.490

Harmonies

Complementary

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



95, 76.480, 101.373



48, 93.150, 299.556

Rectangle

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



95, 76.480, 101.373



95, 76.480, 151.373



95, 76.480, 281.373



95, 76.480, 331.373

Sweetspot

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



95, 76.480, 101.375



98, 24.449, 105.937



60, 71.601, 25.086



52, 16.666, 105.647



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, 76.480, 101.375



94, 86.577, 100.380



93, 85.339, 123.879



53, 6.960, 107.013



72, 75.102, 99.385



25, 34.086, 100.002

Inverse Universe

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



48, 93.150, 299.556



40, 112.595, 302.700



53, 96.506, 310.550



49, 7.101, 289.017



24, 105.432, 305.680



4, 42.451, 300.859

Previews

White Background



This preview shows how the CIELCh color 95, 76.480, 101.373 looks on a white background.

Color Contrast Check

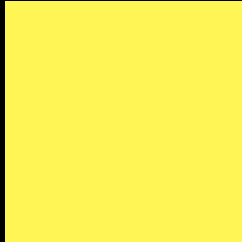
Large Text (above 18pt) WCAG AA × Fail

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, 76.480, 101.373 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, 76.480, 101.373

Background



This preview shows how black text looks on a background with the CIELCh color 95, 76.480, 101.373.

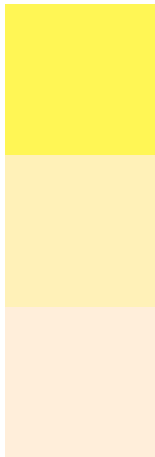


This preview shows how white text looks on a background with the CIELCh color 95, 76.480, 101.373.

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, 76.480, 101.373

Protanopia
95, 29.526, 97.300

Deuteranopia
95, 12.009, 77.799



Tritanopia
95, 8.502, 347.064

Trichromacy



Original Color
95, 76.480, 101.373



Protanomaly
95, 47.972, 100.625



Deuteranomaly
95, 36.455, 98.621

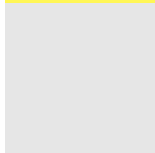


Tritanomaly
95, 27.750, 95.147

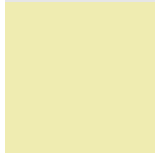
Monochromacy



Original Color
95, 76.480, 101.373



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 30.157, 105.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 76.480, 101.373 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(255, 246, 85)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 85)  
}
```

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(255, 246, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 76.480, 101.373 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(255, 246, 85) }
```

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

```
.border{ border-color:rgb(255, 246, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 85);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 76.480, 101.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 85) }
```

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

```
.background{ background-color: rgb(255,  
246, 85) }
```

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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