

Converting Colors

CIELCh(95, 81.021, 101.435)

Have a look what the booklet for
CIELCh(95, 81.021, 101.435)
contains.

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Color

CIELCh(95, 81.000, 101.470)

Conversions

Conversions Part 1

Format	Color
Hex	FEF648
RGB	254, 246, 72
RGB Percent	100%, 96%, 28%
CMY	0.0031, 0.0345, 0.7168
CMYK	0.00, 0.03, 0.72, 0.00
HSL	57°, 99%, 64%
HSV	57°, 72%, 100%
XYZ	75.1477, 87.6183, 19.1200
YIQ	228.5560, 60.6220, -52.4180

Conversions

Conversions Part 2

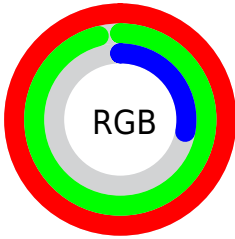
Format	Color
R _Y B	80, 254, 72
Decimal	16709192
CIE Lab	95.00, -16.11, 79.38
CIE LCh	95, 81.000, 101.470
Yxy	87.6183, 0.4132, 0.4817
Android (android.graphics.Color)	4294899272 (0xFFFEF648)
YUV	228.5560, -77.1821, 22.3144
Hunter-Lab	93.6047, -20.5048, 53.4125

Details

The CIELCh color **95, 81.000, 101.470** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **45, 101.256, 301.020**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 60.873, 105.518**, and **75, 77.681, 101.868** is the 20% darker color. If you saturate the color by 10%, you get **95, 87.837, 100.799**, and if you desaturate by 10%, it is **95, 72.075, 102.276**.

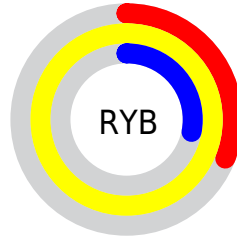
Distribution



Red (100%)

Green (96%)

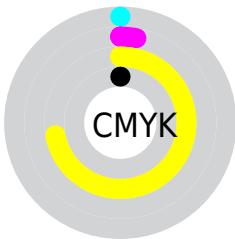
Blue (28%)



Red (31%)

Yellow (100%)

Blue (28%)

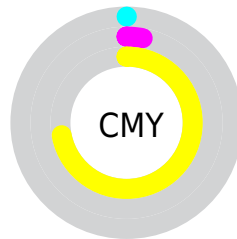


Cyan (0%)

Magenta (3%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 81.000, 101.470 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, 81.000, 101.470 by changing the saturation by 10% instead.


 95, 81.000,
101.470


 95, 81.000,
101.470


 100, 81.000,
101.470


 85, 81.000,
101.470

 75, 81.000,
101.470

 65, 81.000,
101.470

 55, 81.000,
101.470

 45, 81.000,
101.470

 35, 81.000,
101.470

 25, 81.000,

101.470

■ 15, 81.000,
101.470

■ 5, 81.000, 101.470

■ 95, 81.000,
101.470

■ 95, 81.000,
101.470

■ 95, 87.837,
100.799

■ 95, 72.075,
102.276

■ 94, 92.007,
100.276

■ 96, 61.716,
103.178

■ 94, 93.560, 99.937

■ 97, 50.452,
104.146

■ 97, 38.648,
105.152

■ 98, 26.540,
106.174

■ 99, 14.276,
107.193

■ 100, 1.948,
108.157

■ 100, 0.271,
201.830

Harmonies

Complementary

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



95, 81.000, 101.470



45, 101.256, 301.020

Rectangle

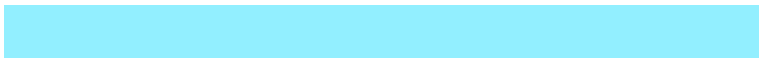
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 81.000, 101.470



95, 81.000, 151.470



95, 81.000, 281.470



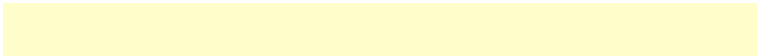
95, 81.000, 331.470

Sweetspot

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



95, 81.000, 101.472



98, 25.886, 106.234



58, 77.457, 27.959



52, 17.503, 105.951



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, 81.000, 101.472



95, 90.244, 100.549



92, 90.365, 124.517



53, 7.022, 107.403



73, 75.574, 99.988



25, 34.322, 100.522

Inverse Universe

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



45, 101.256, 301.020



37, 120.994, 304.140



50, 102.612, 311.175



49, 7.168, 289.393



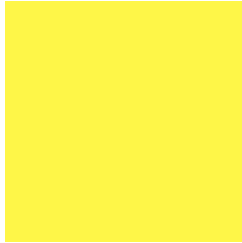
24, 105.816, 305.781



4, 42.731, 301.017

Previews

White Background



This preview shows how the CIELCh color 95, 81.000, 101.470 looks on a white background.

Color Contrast Check

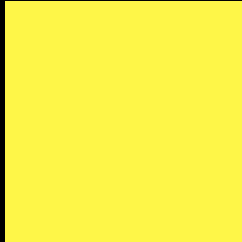
Large Text (above 18pt) WCAG AA × Fail

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, 81.000, 101.470 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, 81.000, 101.470

Background



This preview shows how black text looks on a background with the CIELCh color 95, 81.000, 101.470.



This preview shows how white text looks on a background with the CIELCh color 95, 81.000, 101.470.

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, 81.000, 101.470

Protanopia
95, 29.526, 97.300

Deuteranopia
95, 12.009, 77.799



Tritanopia
95, 8.502, 347.064

Trichromacy



Original Color
95, 81.000, 101.470



Protanomaly
95, 50.355, 100.683



Deuteranomaly
95, 38.913, 98.929

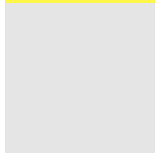


Tritanomaly
94, 29.730, 95.794

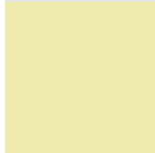
Monochromacy



Original Color
95, 81.000, 101.470



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 32.191, 105.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 81.000, 101.470 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 81.000, 101.470 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, 72) }
```

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

```
.border{ border-color:rgb(254, 246, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 81.000, 101.470 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, 72) }
```

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

```
.background{ background-color: rgb(254,  
246, 72) }
```

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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