

Converting Colors

CIELCh(95, 77.103, 101.674)

Have a look what the booklet for
CIELCh(95, 77.103, 101.674)
contains.

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Color

CIELCh(95, 77.189, 101.652)

Conversions

Conversions Part 1

Format	Color
Hex	FEF653
RGB	254, 246, 83
RGB Percent	100%, 96%, 33%
CMY	0.0039, 0.0352, 0.6744
CMYK	0.00, 0.03, 0.67, 0.00
HSL	57°, 99%, 66%
HSV	57°, 67%, 100%
XYZ	75.4004, 87.6183, 21.1243
YIQ	229.8100, 57.0910, -48.9970

Conversions

Conversions Part 2

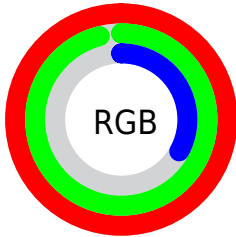
Format	Color
R _Y B	91, 254, 83
Decimal	16709203
CIE Lab	95.00, -15.59, 75.60
CIE LCh	95, 77.189, 101.652
Yxy	87.6183, 0.4095, 0.4758
Android (android.graphics.Color)	4294899283 (0xFFFEF653)
YUV	229.8100, -72.3773, 21.2146
Hunter-Lab	93.6047, -20.0229, 52.1430

Details

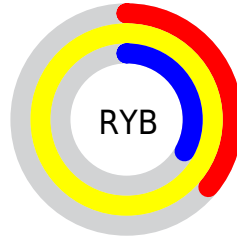
The CIELCh color **95, 77.189, 101.652** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 94.454, 299.903**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 56.312, 105.868**, and **75, 77.163, 101.578** is the 20% darker color. If you saturate the color by 10%, you get **95, 84.990, 100.912**, and if you desaturate by 10%, it is **96, 67.594, 102.512**.

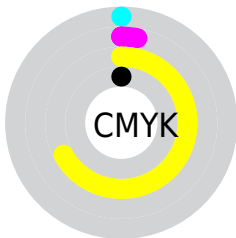
Distribution



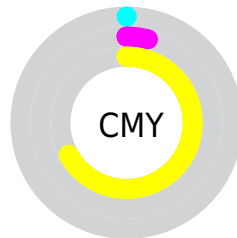
- Red (100%)
- Green (96%)
- Blue (33%)



- Red (36%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (67%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 77.189, 101.652 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, 77.189, 101.652 by changing the saturation by 10% instead.

 95, 77.189,
101.652


 95, 77.189,
101.652

 100, 77.189,
101.652

 85, 77.189,
101.652

 75, 77.189,
101.652

 65, 77.189,
101.652

 55, 77.189,
101.652

 45, 77.189,
101.652

 35, 77.189,
101.652

 25, 77.189,

101.652

■ 15, 77.189,
101.652

■ 5, 77.189, 101.652

■ 95, 77.189,
101.652

■ 95, 77.189,
101.652

■ 95, 84.990,
100.912

■ 96, 67.594,
102.512

■ 94, 90.343,
100.311

■ 96, 56.818,
103.451

■ 94, 92.905, 99.854

■ 97, 45.317,
104.443

■ 94, 93.317, 99.746

■ 97, 33.394,
105.462

■ 98, 21.243,
106.488

■ 99, 8.983, 107.501

100, 0.365,
272.739

100, 0.342,
201.320

Harmonies

Complementary

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



95, 77.189, 101.652



48, 94.454, 299.903

Rectangle

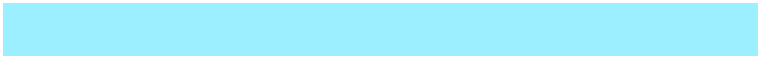
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 77.189, 101.652



95, 77.189, 151.652



95, 77.189, 281.652



95, 77.189, 331.652

Sweetspot

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



95, 77.189, 101.654



98, 24.594, 106.212



60, 72.629, 26.457



52, 16.764, 105.924



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, 77.189, 101.654



95, 87.543, 100.672



92, 86.136, 124.504



53, 7.003, 107.282



73, 75.425, 99.801



25, 34.248, 100.360

Inverse Universe

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



48, 94.454, 299.903



39, 114.568, 303.082



53, 97.019, 311.020



49, 7.147, 289.276



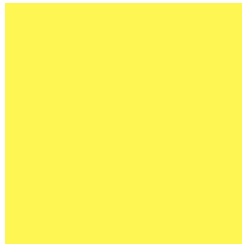
24, 105.696, 305.749



4, 42.644, 300.968

Previews

White Background



This preview shows how the CIELCh color 95, 77.189, 101.652 looks on a white background.

Color Contrast Check

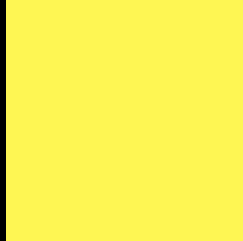
Large Text (above 18pt) WCAG AA × Fail

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, 77.189, 101.652 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, 77.189, 101.652

Background



This preview shows how black text looks on a background with the CIELCh color 95, 77.189, 101.652.

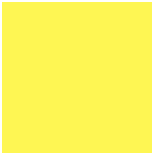
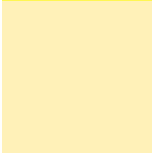
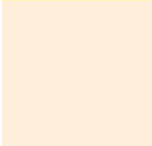



This preview shows how white text looks on a background with the CIELCh color 95, 77.189, 101.652.

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, 77.189, 101.652
	Protanopia 95, 29.526, 97.300
	Deuteranopia 95, 12.009, 77.799



Tritanopia
95, 8.502, 347.064

Trichromacy



Original Color
95, 77.189, 101.652



Protanomaly
95, 48.450, 100.638



Deuteranomaly
95, 36.947, 98.688

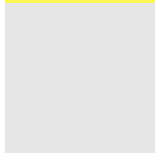


Tritanomaly
95, 28.245, 95.319

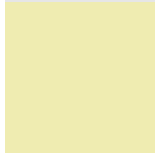
Monochromacy



Original Color
95, 77.189, 101.652



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, 77.189, 101.652 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 77.189, 101.652 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, 83) }
```

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

```
.border{ border-color:rgb(254, 246, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 83);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 77.189, 101.652 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, 83) }
```

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

```
.background{ background-color: rgb(254,  
246, 83) }
```

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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