

Converting Colors

CIELCh(95, 81.913, 103.902)

Have a look what the booklet for
CIELCh(95, 81.913, 103.902)
contains.

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Color

CIELCh(95, 81.952, 103.805)

Conversions

Conversions Part 1

Format	Color
Hex	F8F847
RGB	248, 248, 71
RGB Percent	97%, 97%, 28%
CMY	0.0271, 0.0271, 0.7212
CMYK	0.00, 0.00, 0.71, 0.03
HSL	60°, 93%, 63%
HSV	60°, 71%, 97%
XYZ	73.4789, 87.6183, 19.0166
YIQ	227.8220, 56.8170, -55.0470

Conversions

Conversions Part 2

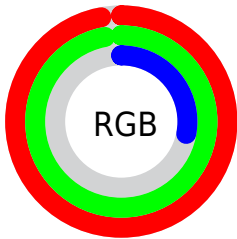
Format	Color
R _{YB}	71, 248, 71
Decimal	16316487
CIE Lab	95.00, -19.56, 79.58
CIE LCh	95, 81.952, 103.805
Yxy	87.6183, 0.4080, 0.4865
Android (android.graphics.Color)	4294506567 (0xFFFF8F847)
YUV	227.8220, -77.3132, 17.6961
Hunter-Lab	93.6047, -23.6871, 53.4780

Details

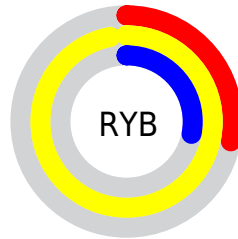
The CIELCh color **95, 81.952, 103.805** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **42, 103.399, 302.268**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 61.322, 105.484**, and **75, 78.316, 104.146** is the 20% darker color. If you saturate the color by 10%, you get **95, 88.836, 103.296**, and if you desaturate by 10%, it is **95, 72.989, 104.486**.

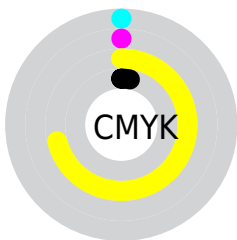
Distribution



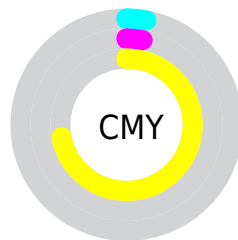
- Red (97%)
- Green (97%)
- Blue (28%)



- Red (28%)
- Yellow (97%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (71%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 81.952, 103.805 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, 81.952, 103.805 by changing the saturation by 10% instead.


 95, 81.952,
103.805


 95, 81.952,
103.805


 100, 81.952,
103.805


 85, 81.952,
103.805

 75, 81.952,
103.805

 65, 81.952,
103.805

 55, 81.952,
103.805

 45, 81.952,
103.805

 35, 81.952,
103.805

 25, 81.952,

103.805

■ 15, 81.952,
103.805

■ 5, 81.952, 103.805

■ 95, 81.952,
103.805

■ 95, 81.952,
103.805

■ 95, 88.836,
103.296

■ 95, 72.989,
104.486

■ 95, 93.133,
102.982

■ 95, 62.555,
105.291

■ 95, 94.915,
102.853

■ 96, 51.162,
106.182

■ 96, 39.177,
107.126

96, 26.841,
108.097

97, 14.310,
109.074

98, 1.685, 110.005

98, 3.534, 290.468

98, 3.534, 290.470

Harmonies

Complementary

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



95, 81.952, 103.805



42, 103.399, 302.268

Rectangle

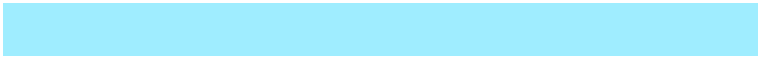
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 81.952, 103.805



95, 81.952, 153.805



95, 81.952, 283.805



95, 81.952, 333.805

Sweetspot

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



95, 81.952, 103.807



99, 27.010, 108.128



57, 77.707, 31.142



53, 18.257, 107.857



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, 81.952, 103.807



97, 93.150, 103.120



89, 89.673, 126.315



52, 7.217, 109.253



74, 77.279, 102.853



25, 34.379, 103.075

Inverse Universe

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



42, 103.399, 302.268



36, 124.845, 305.027



50, 100.024, 312.487



48, 7.380, 291.172



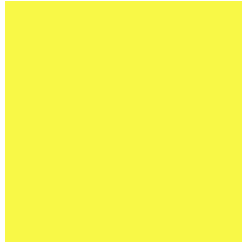
23, 106.708, 306.287



3, 42.026, 300.807

Previews

White Background



This preview shows how the CIELCh color 95, 81.952, 103.805 looks on a white background.

Color Contrast Check

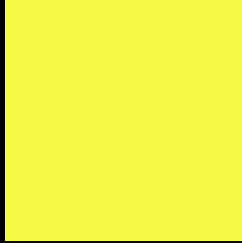
Large Text (above 18pt) WCAG AA × Fail

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, 81.952, 103.805 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, 81.952, 103.805

Background



This preview shows how black text looks on a background with the CIELCh color 95, 81.952, 103.805.

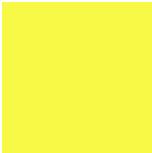
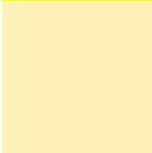
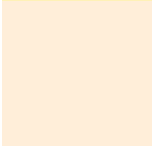


This preview shows how white text looks on a background with the CIELCh color 95, 81.952, 103.805.

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, 81.952, 103.805
	Protanopia 95, 30.022, 97.423
	Deuteranopia 95, 12.454, 78.957

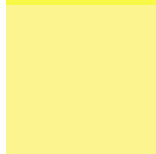


Tritanopia
95, 9.093, 341.628

Trichromacy



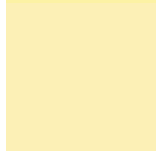
Original Color
95, 81.952, 103.805



Protanomaly
95, 51.130, 102.525



Deuteranomaly
95, 39.664, 101.326

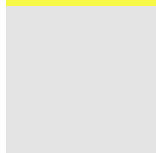


Tritanomaly
94, 29.909, 98.881

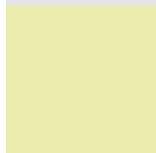
Monochromacy



Original Color
95, 81.952, 103.805



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 32.675, 107.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 81.952, 103.805 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 81.952, 103.805 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, 71) }
```

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

```
.border{ border-color:rgb(248, 248, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 71);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 81.952, 103.805 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, 71) }
```

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

```
.background{ background-color: rgb(248,  
248, 71) }
```

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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