

Converting Colors

CIELCh(95, 88.068, 101.461)

Have a look what the booklet for
CIELCh(95, 88.068, 101.461)
contains.

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Color

CIELCh(95, 88.139, 101.409)

Conversions

Conversions Part 1

Format	Color
Hex	FEF730
RGB	254, 247, 48
RGB Percent	100%, 97%, 19%
CMY	0.0049, 0.0322, 0.8130
CMYK	0.00, 0.03, 0.81, 0.00
HSL	58°, 99%, 59%
HSV	58°, 81%, 100%
XYZ	74.5022, 87.6183, 15.7476
YIQ	226.4070, 68.0510, -60.4050

Conversions

Conversions Part 2

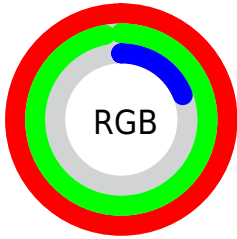
Format	Color
R _{YB}	55, 254, 48
Decimal	16709424
CIE _{Lab}	95.00, -17.43, 86.40
CIE _{LCh}	95, 88.139, 101.409
Y _{xy}	87.6183, 0.4189, 0.4926
Android (android.graphics.Color)	4294899504 (0xFFFEF730)
Y _{UV}	226.4070, -87.9547, 24.1991
Hunter-Lab	93.6047, -21.7358, 55.5486

Details

The CIELCh color **95, 88.139, 101.409** 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 **39, 115.709, 303.456**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 68.734, 104.921**, and **75, 77.981, 102.200** is the 20% darker color. If you saturate the color by 10%, you get **95, 92.434, 100.934**, and if you desaturate by 10%, it is **95, 81.198, 102.051**.

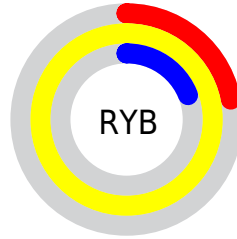
Distribution



Red (100%)

Green (97%)

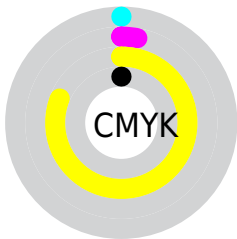
Blue (19%)



Red (22%)

Yellow (100%)

Blue (19%)

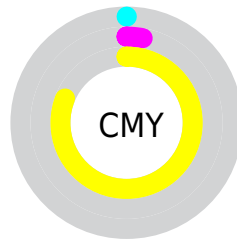


Cyan (0%)

Magenta (3%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 88.139, 101.409 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, 88.139, 101.409 by changing the saturation by 10% instead.

 95, 88.139,
101.409


 95, 88.139,
101.409

 100, 88.139,
101.409

 85, 88.139,
101.409

 75, 88.139,
101.409

 65, 88.139,
101.409

 55, 88.139,
101.409

 45, 88.139,
101.409

 35, 88.139,
101.409

 25, 88.139,

101.409

■ 15, 88.139,
101.409

■ 5, 88.139, 101.409

■ 95, 88.139,
101.409

■ 95, 88.139,
101.409

■ 95, 92.434,
100.934

■ 95, 81.198,
102.051

■ 94, 94.127,
100.632

■ 96, 72.184,
102.829

■ 96, 61.742,
103.711

■ 97, 50.392,
104.662

97, 38.496,
105.655

98, 26.291,
106.665

99, 13.924,
107.674

99, 1.488, 108.617

100, 0.366,
244.569

Harmonies

Complementary

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



95, 88.139, 101.409



39, 115.709, 303.456

Rectangle

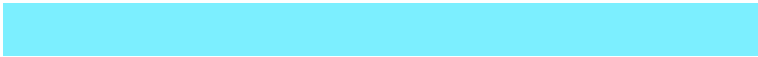
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 88.139, 101.409



95, 88.139, 151.409



95, 88.139, 281.409



95, 88.139, 331.409

Sweetspot

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



95, 88.139, 101.411



98, 29.842, 106.382



56, 87.498, 31.727



52, 20.466, 106.021



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, 88.139, 101.411



95, 94.004, 100.728



91, 98.210, 124.804



53, 7.094, 107.844



73, 76.128, 100.671



25, 34.596, 101.111

Inverse Universe

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



39, 115.709, 303.456



33, 131.109, 305.812



45, 113.371, 311.336



49, 7.244, 289.818



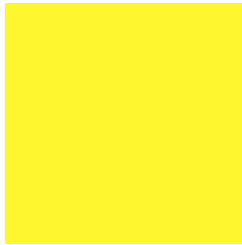
23, 106.262, 305.897



4, 43.054, 301.195

Previews

White Background



This preview shows how the CIELCh color 95, 88.139, 101.409 looks on a white background.

Color Contrast Check

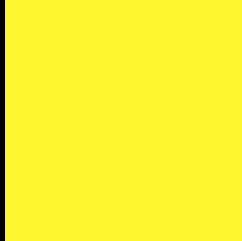
Large Text (above 18pt) WCAG AA × Fail

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, 88.139, 101.409 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, 88.139, 101.409

Background



This preview shows how black text looks on a background with the CIELCh color 95, 88.139, 101.409.



This preview shows how white text looks on a background with the CIELCh color 95, 88.139, 101.409.

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, 88.139, 101.409

Protanopia
95, 30.022, 97.423

Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

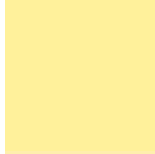
Trichromacy



Original Color
95, 88.139, 101.409



Protanomaly
95, 54.584, 100.735



Deuteranomaly
95, 43.793, 99.375

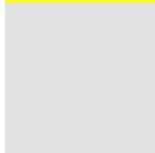


Tritanomaly
94, 34.180, 96.904

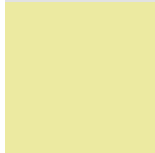
Monochromacy



Original Color
95, 88.139, 101.409



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 37.204, 105.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 88.139, 101.409 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, 247, 48)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 48)  
}
```

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, 247, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 88.139, 101.409 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, 247, 48) }
```

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

```
.border{ border-color:rgb(254, 247, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 48);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 88.139, 101.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 48) }
```

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

```
.background{ background-color: rgb(254,  
247, 48) }
```

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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