

Converting Colors

CIELCh(95, 87.524, 101.257)

Have a look what the booklet for
CIELCh(95, 87.524, 101.257)
contains.

CIELCh(95, 87.659, 101.435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 87.659, 101.435)

Conversions

Conversions Part 1

Format	Color
Hex	FEF732
RGB	254, 247, 50
RGB Percent	100%, 97%, 20%
CMY	0.0050, 0.0323, 0.8052
CMYK	0.00, 0.03, 0.80, 0.00
HSL	58°, 99%, 59%
HSV	58°, 80%, 100%
XYZ	74.5293, 87.6183, 15.9638
YIQ	226.6350, 67.4090, -59.7830

Conversions

Conversions Part 2

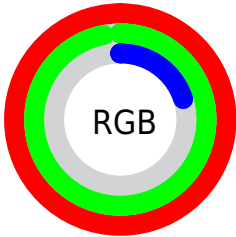
Format	Color
R_{YB}	57, 254, 50
Decimal	16709426
CIE _{Lab}	95.00, -17.38, 85.92
CIE _{LCh}	95, 87.659, 101.435
Yxy	87.6183, 0.4184, 0.4919
Android (android.graphics.Color)	4294899506 (0xFFFEF732)
YUV	226.6350, -87.0811, 23.9991
Hunter-Lab	93.6047, -21.6840, 55.4116

Details

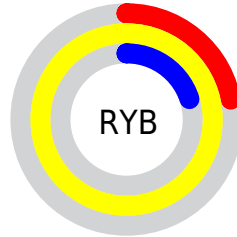
The CIELCh color **95, 87.659, 101.435** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **39, 114.651, 303.288**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 67.886, 104.985**, and **75, 77.981, 102.200** is the 20% darker color. If you saturate the color by 10%, you get **95, 92.173, 100.945**, and if you desaturate by 10%, it is **95, 80.533, 102.090**.

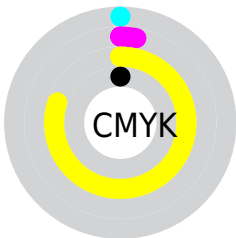
Distribution



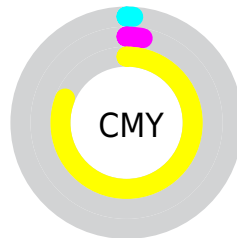
- Red (100%)
- Green (97%)
- Blue (20%)



- Red (22%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (80%)
- Black (0%)





- Cyan (1%)
- Magenta (3%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 87.659, 101.435 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, 87.659, 101.435 by changing the saturation by 10% instead.

 95, 87.659,
101.435


 95, 87.659,
101.435


 100, 87.659,
101.435


 85, 87.659,
101.435

 75, 87.659,
101.435

 65, 87.659,
101.435

 55, 87.659,
101.435

 45, 87.659,
101.435

 35, 87.659,
101.435

 25, 87.659,

101.435

■ 15, 87.659,
101.435

■ 5, 87.659, 101.435

■ 95, 87.659,
101.435

■ 95, 87.659,
101.435

■ 95, 92.173,
100.945

■ 95, 80.533,
102.090

■ 94, 94.099,
100.610

■ 96, 71.387,
102.878

■ 96, 60.859,
103.767

■ 97, 49.459,
104.724

97, 37.536,
105.719

98, 25.318,
106.730

99, 12.947,
107.739

100, 0.514,
108.562

100, 0.368,
238.707

Harmonies

Complementary

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



95, 87.659, 101.435



39, 114.651, 303.288

Rectangle

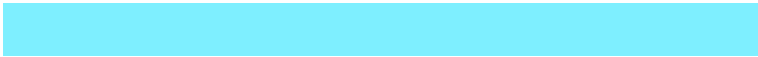
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 87.659, 101.435



95, 87.659, 151.435



95, 87.659, 281.435



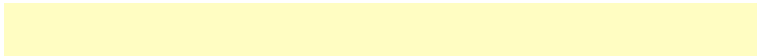
95, 87.659, 331.435

Sweetspot

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



95, 87.659, 101.437



98, 29.833, 106.367



56, 86.705, 31.405



52, 20.460, 106.007



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, 87.659, 101.437



95, 93.982, 100.707



91, 97.636, 124.765



53, 7.092, 107.830



73, 76.110, 100.649



25, 34.588, 101.092

Inverse Universe

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



39, 114.651, 303.288



33, 131.092, 305.809



46, 112.572, 311.335



49, 7.242, 289.805



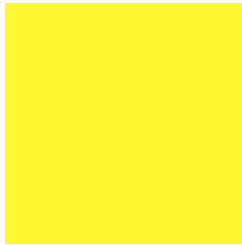
23, 106.248, 305.894



4, 43.043, 301.189

Previews

White Background



This preview shows how the CIELCh color 95, 87.659, 101.435 looks on a white background.

Color Contrast Check

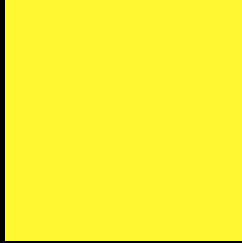
Large Text (above 18pt) WCAG AA × Fail

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, 87.659, 101.435 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, 87.659, 101.435

Background



This preview shows how black text looks on a background with the CIELCh color 95, 87.659, 101.435.

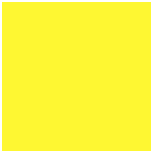
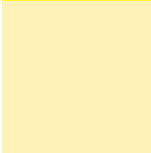
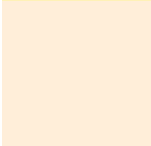



This preview shows how white text looks on a background with the CIELCh color 95, 87.659, 101.435.

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, 87.659, 101.435
	Protanopia 95, 30.022, 97.423
	Deuteranopia 95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

Trichromacy



Original Color
95, 87.659, 101.435



Protanomaly
95, 54.119, 100.732



Deuteranomaly
95, 43.308, 99.339

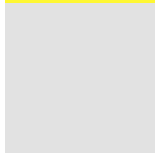


Tritanomaly
94, 34.180, 96.904

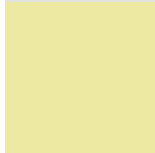
Monochromacy



Original Color
95, 87.659, 101.435



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 36.706, 105.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 87.659, 101.435 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 87.659, 101.435 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, 50) }
```

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

```
.border{ border-color:rgb(254, 247, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 87.659, 101.435 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, 50) }
```

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

```
.background{ background-color: rgb(254,  
247, 50) }
```

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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