

Converting Colors

CIELCh(95, 86.196, 100.665)

Have a look what the booklet for
CIELCh(95, 86.196, 100.665)
contains.

CIELCh(95, 86.090, 100.937)	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, 86.090, 100.937)

Conversions

Conversions Part 1

Format	Color
Hex	FFF637
RGB	255, 246, 55
RGB Percent	100%, 96%, 22%
CMY	0.0000, 0.0345, 0.7832
CMYK	0.00, 0.03, 0.78, 0.00
HSL	57°, 100%, 61%
HSV	57°, 78%, 100%
XYZ	75.0373, 87.6183, 16.6047
YIQ	226.9170, 66.6750, -57.4930

Conversions

Conversions Part 2

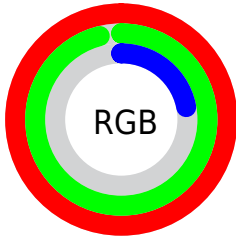
Format	Color
RYB	64, 255, 55
Decimal	16774711
CIELab	95.00, -16.33, 84.53
CIELCh	95, 86.090, 100.937
Yxy	87.6183, 0.4186, 0.4888
Android (android.graphics.Color)	4294964791 (0xFFFFFFFF637)
YUV	226.9170, -84.7551, 24.6288
Hunter-Lab	93.6047, -20.7153, 55.0057

Details

The CIELCh color **95, 86.090, 100.937** 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 **41, 111.251, 302.578**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 66.602, 105.082**, and **75, 77.689, 101.540** is the 20% darker color. If you saturate the color by 10%, you get **95, 91.178, 100.429**, and if you desaturate by 10%, it is **95, 78.476, 101.721**.

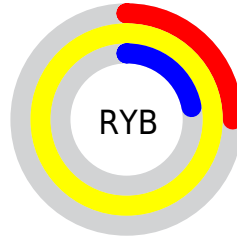
Distribution



Red (100%)

Green (96%)

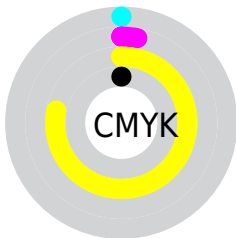
Blue (22%)



Red (25%)

Yellow (100%)

Blue (22%)

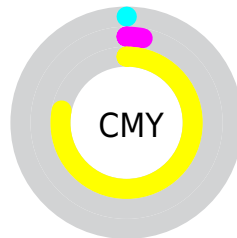


Cyan (0%)

Magenta (3%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 86.090, 100.937 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, 86.090, 100.937 by changing the saturation by 10% instead.


 95, 86.090,
100.937


 95, 86.090,
100.937


 100, 86.090,
100.937


 85, 86.090,
100.937

 75, 86.090,
100.937

 65, 86.090,
100.937

 55, 86.090,
100.937

 45, 86.090,
100.937

 35, 86.090,
100.937

 25, 86.090,

100.937

■ 15, 86.090,
100.937

■ 5, 86.090, 100.937

■ 95, 86.090,
100.937

■ 95, 86.090,
100.937

■ 95, 91.178,
100.429

■ 95, 78.476,
101.721

■ 94, 93.519,
100.001

■ 96, 68.993,
102.561

■ 94, 93.778, 99.937

■ 96, 58.264,
103.488

■ 97, 46.762,
104.471

■ 98, 34.808,
105.484

■ 98, 22.606,
106.508

■ 99, 10.282,
107.521

100, 0.012,
296.813

Harmonies

Complementary

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



95, 86.090, 100.937



41, 111.251, 302.578

Rectangle

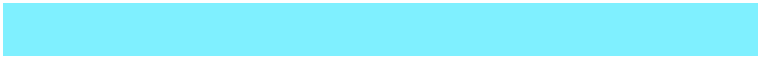
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 86.090, 100.937



95, 86.090, 150.937



95, 86.090, 280.937



95, 86.090, 330.937

Sweetspot

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



95, 86.085, 101.002



98, 28.332, 106.029



56, 84.898, 30.561



52, 19.580, 105.660



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, 86.085, 101.002



94, 92.806, 100.172



92, 96.420, 124.677



53, 7.022, 107.403



73, 75.574, 99.989



25, 34.322, 100.522

Inverse Universe

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



41, 111.251, 302.578



34, 128.588, 305.371



47, 110.799, 311.320



49, 7.168, 289.393



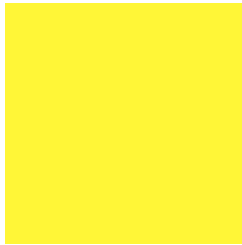
24, 105.816, 305.781



4, 42.731, 301.017

Previews

White Background



This preview shows how the CIE LCh color 95, 86.090, 100.937 looks on a white background.

Color Contrast Check

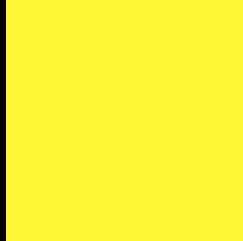
Large Text (above 18pt) WCAG AA × Fail

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, 86.090, 100.937 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, 86.090, 100.937

Background



This preview shows how black text looks on a background with the CIELCh color 95, 86.090, 100.937.



This preview shows how white text looks on a background with the CIELCh color 95, 86.090, 100.937.

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, 86.090, 100.937



Protanopia
95, 30.022, 97.423



Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

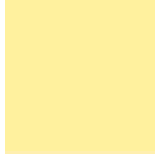
Trichromacy



Original Color
95, 86.090, 100.937



Protanomaly
95, 53.184, 100.724



Deuteranomaly
95, 42.335, 99.262

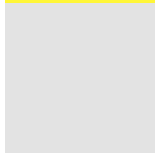


Tritanomaly
94, 33.192, 96.692

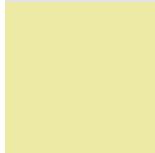
Monochromacy



Original Color
95, 86.090, 100.937



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 35.221, 105.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 86.090, 100.937 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(255, 246, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 55)  
}
```

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(255, 246, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 86.090, 100.937 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(255, 246, 55) }
```

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

```
.border{ border-color:rgb(255, 246, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 86.090, 100.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 55) }
```

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

```
.background{ background-color: rgb(255,  
246, 55) }
```

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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