

Converting Colors

CIELCh(95, 92.579, 100.972)

Have a look what the booklet for
CIELCh(95, 92.579, 100.972)
contains.

CIELCh(95, 92.677, 100.902)	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, 92.677, 100.902)

Conversions

Conversions Part 1

Format	Color
Hex	FFF716
RGB	255, 247, 22
RGB Percent	100%, 97%, 9%
CMY	0.0012, 0.0324, 0.9123
CMYK	0.00, 0.03, 0.91, 0.00
HSL	58°, 100%, 54%
HSV	58°, 91%, 100%
XYZ	74.4571, 87.6183, 13.7640
YIQ	223.7420, 76.9930, -68.2790

Conversions

Conversions Part 2

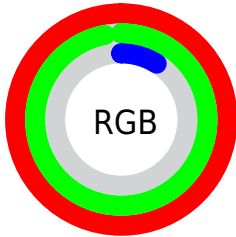
Format	Color
R _Y B	30, 255, 22
Decimal	16774934
CIE Lab	95.00, -17.53, 91.00
CIE LCh	95, 92.677, 100.902
Yxy	87.6183, 0.4234, 0.4983
Android (android.graphics.Color)	4294965014 (0xFFFFF716)
YUV	223.7420, -99.4588, 27.4133
Hunter-Lab	93.6047, -21.8218, 56.8050

Details

The CIELCh color **95, 92.677, 100.902** 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 **35, 126.943, 305.164**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 74.053, 104.520**, and **75, 77.986, 101.873** is the 20% darker color. If you saturate the color by 10%, you get **95, 94.362, 100.601**, and if you desaturate by 10%, it is **95, 88.378, 101.384**.

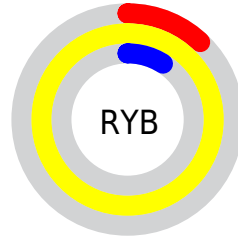
Distribution



Red (100%)

Green (97%)

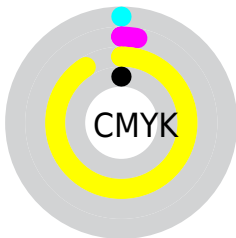
Blue (9%)



Red (12%)

Yellow (100%)

Blue (9%)

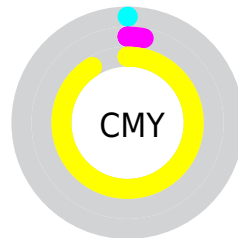


Cyan (0%)

Magenta (3%)

Yellow (91%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 92.677, 100.902 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, 92.677, 100.902 by changing the saturation by 10% instead.


 95, 92.677,
100.902


 95, 92.677,
100.902


 100, 92.677,
100.902


 85, 92.677,
100.902

 75, 92.677,
100.902

 65, 92.677,
100.902

 55, 92.677,
100.902

 45, 92.677,
100.902

 35, 92.677,
100.902

 25, 92.677,

100.902

■ 15, 92.677,
100.902

■ 5, 92.677, 100.902

■ 95, 92.677,
100.902

■ 95, 92.677,
100.902

■ 95, 94.362,
100.601

■ 95, 88.378,
101.384

■ 96, 81.425,
102.025

■ 96, 72.390,
102.804

■ 96, 61.922,
103.686

■ 97, 50.543,
104.639

■ 98, 38.616,
105.632

■ 98, 26.379,
106.644

■ 99, 13.980,
107.653

■ 100, 1.512,
108.597

Harmonies

Complementary

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



95, 92.677, 100.902



35, 126.943, 305.164

Rectangle

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



95, 92.677, 100.902



95, 92.677, 150.902



95, 92.677, 280.902



95, 92.677, 330.902

Sweetspot

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



95, 92.676, 100.904



98, 33.510, 106.058



54, 96.894, 35.832



52, 22.536, 105.713



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, 92.676, 100.904



95, 94.445, 100.601



91, 104.360, 125.574



53, 7.091, 107.824



73, 76.103, 100.641



25, 34.584, 101.085

Inverse Universe

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



35, 126.943, 305.164



33, 132.478, 306.012



42, 121.956, 311.124



49, 7.241, 289.799



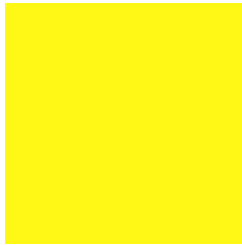
23, 106.242, 305.892



4, 43.039, 301.187

Previews

White Background



This preview shows how the CIELCh color 95, 92.677, 100.902 looks on a white background.

Color Contrast Check

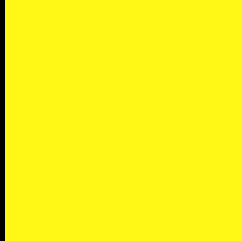
Large Text (above 18pt) WCAG AA × Fail

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, 92.677, 100.902 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, 92.677, 100.902

Background



This preview shows how black text looks on a background with the CIELCh color 95, 92.677, 100.902.



This preview shows how white text looks on a background with the CIELCh color 95, 92.677, 100.902.

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, 92.801, 100.896

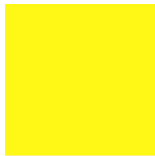
Protanopia
95, 30.022, 97.423

Deuteranopia
95, 12.454, 78.957



Tritanopia
95, 8.502, 347.064

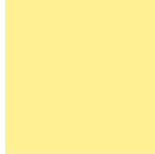
Trichromacy



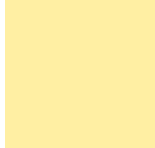
Original Color
95, 92.801, 100.896



Protanomaly
95, 58.721, 100.735



Deuteranomaly
94, 48.129, 99.631

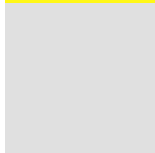


Tritanomaly
94, 39.099, 97.741

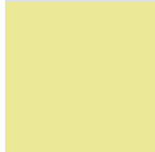
Monochromacy



Original Color
95, 92.801, 100.896



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 41.229, 105.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 92.677, 100.902 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, 247, 22)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 22)  
}
```

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, 247, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 92.677, 100.902 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, 247, 22) }
```

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

```
.border{ border-color:rgb(255, 247, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 22);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 92.677, 100.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 22) }
```

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

```
.background{ background-color: rgb(255,  
247, 22) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor