

Converting Colors

CIELCh(93, 90.590, 99.543)

Have a look what the booklet for
CIELCh(93, 90.590, 99.543) contains.

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Color

CIELCh(93, 90.646, 99.772)

Conversions

Conversions Part 1

Format	Color
Hex	FCF017
RGB	252, 240, 23
RGB Percent	99%, 94%, 9%
CMY	0.0124, 0.0593, 0.9110
CMYK	0.00, 0.05, 0.91, 0.01
HSL	57°, 97%, 54%
HSV	57°, 91%, 99%
XYZ	71.3617, 82.9670, 13.0468
YIQ	218.8500, 76.8090, -64.9430

Conversions

Conversions Part 2

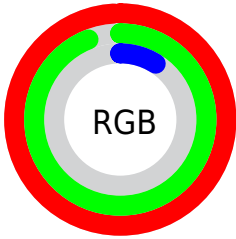
Format	Color
R _Y B	36, 252, 23
Decimal	16576535
CIE Lab	93.00, -15.39, 89.33
CIE LCh	93, 90.646, 99.772
Yxy	82.9670, 0.4264, 0.4957
Android (android.graphics.Color)	4294766615 (0xFFFCF017)
YUV	218.8500, -96.5541, 29.0725
Hunter-Lab	91.0862, -19.5548, 55.2679

Details

The CIELCh color **93, 90.646, 99.772** 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, 124.189, 304.803**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 74.447, 104.491**, and **73, 75.900, 100.484** is the 20% darker color. If you saturate the color by 10%, you get **93, 92.346, 99.360**, and if you desaturate by 10%, it is **93, 86.342, 100.349**.

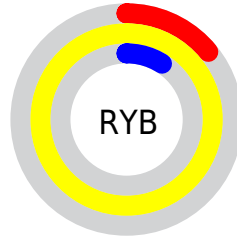
Distribution



Red (99%)

Green (94%)

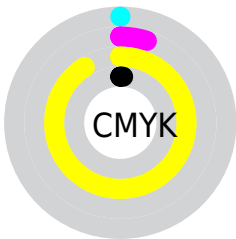
Blue (9%)



Red (14%)

Yellow (99%)

Blue (9%)

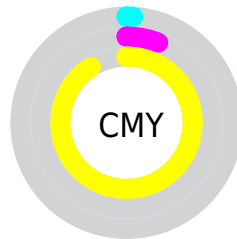


Cyan (0%)

Magenta (5%)

Yellow (91%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 90.646, 99.772 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 93, 90.646, 99.772 by changing the saturation by 10% instead.

 93, 90.646, 99.772

 93, 90.646, 99.772

 100, 90.646,
99.772

 83, 90.646, 99.772

 73, 90.646, 99.772

 63, 90.646, 99.772

 53, 90.646, 99.772

 43, 90.646, 99.772

 33, 90.646, 99.772

 23, 90.646, 99.772

 13, 90.646, 99.772

 3, 90.646, 99.772

■ 93, 90.646, 99.772

■ 93, 90.646, 99.772

■ 93, 92.346, 99.360

■ 93, 86.342,
100.349

■ 94, 79.419,
101.064

■ 94, 70.479,
101.899

■ 95, 60.174,
102.825

■ 96, 49.013,
103.810

■ 96, 37.349,
104.829

■ 97, 25.406,
105.861

■ 98, 13.323,
106.886

Harmonies

Complementary

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



93, 90.646, 99.772



35, 124.189, 304.803

Rectangle

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



93, 90.646, 99.772



93, 90.646, 149.772



93, 90.646, 279.772



93, 90.646, 329.772

Sweetspot

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



93, 90.645, 99.774



98, 32.940, 105.238



53, 94.882, 34.830



52, 22.157, 104.886



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 90.645, 99.774



94, 93.218, 99.358



90, 102.799, 124.917



52, 6.849, 107.038



72, 74.385, 99.424



24, 32.956, 100.135

Inverse Universe

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



35, 124.189, 304.803



33, 131.740, 305.858



41, 121.101, 310.782



48, 6.988, 289.037



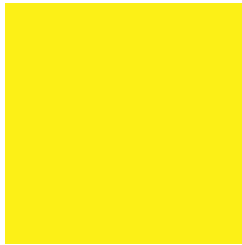
23, 104.368, 305.676



4, 40.482, 299.958

Previews

White Background



This preview shows how the CIE LCh color 93, 90.646, 99.772 looks on a white background.

Color Contrast Check

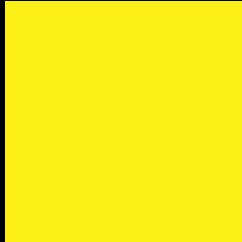
Large Text (above 18pt) WCAG AA × Fail

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 93, 90.646, 99.772 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 93, 90.646, 99.772

Background



This preview shows how black text looks on a background with the CIELCh color 93, 90.646, 99.772.



This preview shows how white text looks on a background with the CIELCh color 93, 90.646, 99.772.

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





Tritanopia
93, 10.979, 352.221

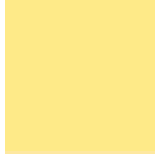
Trichromacy



Original Color
93, 90.646, 99.772



Protanomaly
93, 66.968, 98.712



Deuteranomaly
92, 50.152, 96.767

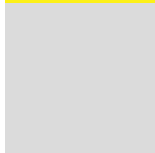


Tritanomaly
92, 37.847, 93.738

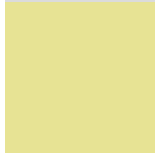
Monochromacy



Original Color
93, 90.646, 99.772



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 40.397, 104.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 90.646, 99.772 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(252, 240, 23)` looks like.

```
.text, #text, p{  
    color:rgb(252, 240, 23)  
}
```

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(252, 240, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 240, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 90.646, 99.772 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(252, 240, 23) }
```

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

```
.border{ border-color:rgb(252, 240, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 240, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 240, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 240, 23);  
box-shadow:4px 4px 4px 4px rgb(252, 240,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 90.646, 99.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 240, 23) }
```

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

```
.background{ background-color: rgb(252,  
240, 23) }
```

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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