

Converting Colors

CIELCh(93, 90.584, 99.536)

Have a look what the booklet for
CIELCh(93, 90.584, 99.536) contains.

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Color

CIELCh(93, 90.674, 99.503)

Conversions

Conversions Part 1

Format	Color
Hex	FDF016
RGB	253, 240, 22
RGB Percent	99%, 94%, 9%
CMY	0.0094, 0.0603, 0.9132
CMYK	0.00, 0.05, 0.91, 0.01
HSL	57°, 98%, 54%
HSV	57°, 91%, 99%
XYZ	71.5573, 82.9670, 13.0076
YIQ	219.0350, 77.7260, -65.0420

Conversions

Conversions Part 2

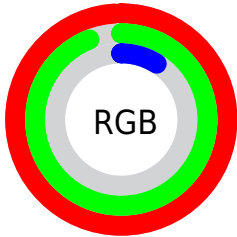
Format	Color
R _Y B	36, 253, 22
Decimal	16642070
CIE Lab	93.00, -14.97, 89.43
CIE LCh	93, 90.674, 99.503
Yxy	82.9670, 0.4271, 0.4952
Android (android.graphics.Color)	4294832150 (0xFFFD016)
YUV	219.0350, -97.1383, 29.7873
Hunter-Lab	91.0862, -19.1714, 55.2934

Details

The CIELCh color **93, 90.674, 99.503** 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, 124.381, 304.769**, 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, 75.920, 100.145** is the 20% darker color. If you saturate the color by 10%, you get **93, 92.291, 99.082**, and if you desaturate by 10%, it is **93, 86.440, 100.097**.

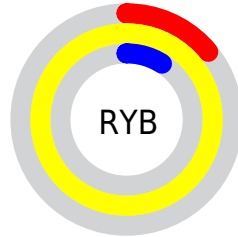
Distribution



Red (99%)

Green (94%)

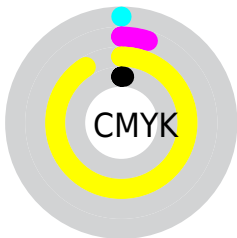
Blue (9%)



Red (14%)

Yellow (99%)

Blue (9%)

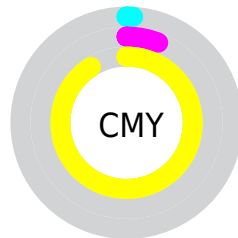


Cyan (0%)

Magenta (5%)

Yellow (91%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 90.674, 99.503 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, 90.674, 99.503 by changing the saturation by 10% instead.

 93, 90.674, 99.503

 93, 90.674, 99.503

 100, 90.674,
99.503

 83, 90.674, 99.503

 73, 90.674, 99.503

 63, 90.674, 99.503

 53, 90.674, 99.503

 43, 90.674, 99.503

 33, 90.674, 99.503

 23, 90.674, 99.503

 13, 90.674, 99.503

 3, 90.674, 99.503

■ 93, 90.674, 99.503

■ 93, 90.674, 99.503

■ 93, 92.291, 99.082

■ 93, 86.440,
100.097

■ 94, 79.569,
100.825

■ 94, 70.664,
101.669

■ 95, 60.382,
102.602

■ 96, 49.241,
103.593

■ 96, 37.594,
104.617

■ 97, 25.668,
105.653

■ 98, 13.603,
106.683

Harmonies

Complementary

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



93, 90.674, 99.503



35, 124.381, 304.769

Rectangle

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



93, 90.674, 99.503



93, 90.674, 149.503



93, 90.674, 279.503



93, 90.674, 329.503

Sweetspot

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



93, 90.673, 99.505



98, 32.816, 105.055



54, 95.304, 34.940



52, 22.075, 104.701



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, 90.673, 99.505



93, 92.955, 99.080



90, 103.146, 124.943



53, 6.936, 106.859



72, 74.921, 99.148



25, 33.994, 99.797

Inverse Universe

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



35, 124.381, 304.769



33, 131.556, 305.819



41, 121.542, 310.771



49, 7.076, 288.869



24, 105.281, 305.640



4, 42.342, 300.797

Previews

White Background



This preview shows how the CIELCh color 93, 90.674, 99.503 looks on a white background.

Color Contrast Check

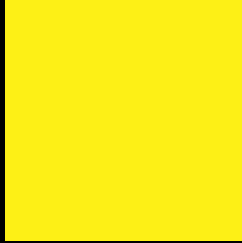
Large Text (above 18pt) WCAG AA × Fail

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, 90.674, 99.503 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, 90.674, 99.503

Background



This preview shows how black text looks on a background with the CIELCh color 93, 90.674, 99.503.



This preview shows how white text looks on a background with the CIELCh color 93, 90.674, 99.503.

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

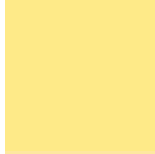
Trichromacy



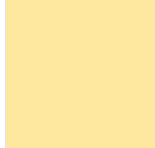
Original Color
93, 90.801, 99.498



Protanomaly
93, 67.386, 98.713



Deuteranomaly
92, 50.152, 96.767

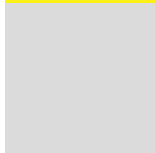


Tritanomaly
92, 37.847, 93.738

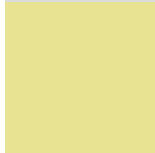
Monochromacy



Original Color
93, 90.801, 99.498



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 40.892, 104.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 90.674, 99.503 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(253, 240, 22)` looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 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(253, 240, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 90.674, 99.503 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(253, 240, 22) }
```

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

```
.border{ border-color:rgb(253, 240, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 240, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 22);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 90.674, 99.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 22) }
```

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

```
.background{ background-color: rgb(253,  
240, 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](#).

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