

Converting Colors

CIELCh(93, 93.717, 102.859)

Have a look what the booklet for
CIELCh(93, 93.717, 102.859)
contains.

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Color

CIELCh(93, 93.436, 102.852)

Conversions

Conversions Part 1

Format	Color
Hex	F3F300
RGB	243, 243, 0
RGB Percent	95%, 95%, 0%
CMY	0.0481, 0.0480, 1.0000
CMYK	0.00, 0.00, 1.00, 0.05
HSL	60°, 100%, 48%
HSV	60°, 100%, 95%
XYZ	68.8487, 82.9670, 12.3588
YIQ	215.2980, 78.0030, -75.5730

Conversions

Conversions Part 2

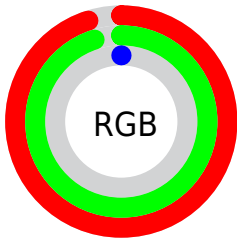
Format	Color
RYB	0, 243, 0
Decimal	15987456
CIELab	93.00, -20.78, 91.10
CIELCh	93, 93.436, 102.852
Yxy	82.9670, 0.4194, 0.5054
Android (android.graphics.Color)	4294177536 (0xFFFF3F300)
YUV	215.2980, -106.1419, 24.2947
Hunter-Lab	91.0862, -24.4793, 55.7157

Details

The CIELCh color **93, 93.436, 102.852** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **31, 128.926, 306.287**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.384, 104.346**, and **73, 76.809, 104.509** is the 20% darker color. If you saturate the color by 10%, you get **93, 93.370, 102.859**, and if you desaturate by 10%, it is **93, 91.172, 103.020**.

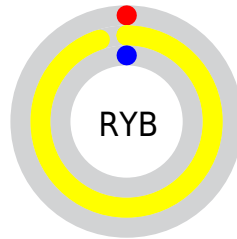
Distribution



Red (95%)

Green (95%)

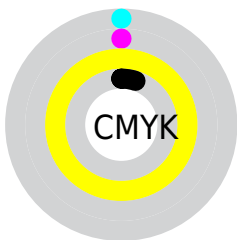
Blue (0%)



Red (0%)

Yellow (95%)

Blue (0%)

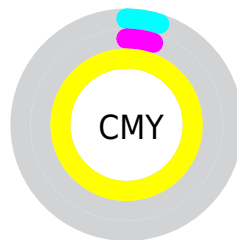


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (5%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 93.436, 102.852 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, 93.436, 102.852 by changing the saturation by 10% instead.


 93, 93.436,
102.852


 93, 93.436,
102.852


 100, 93.436,
102.852


 83, 93.436,
102.852

 73, 93.436,
102.852

 63, 93.436,
102.852

 53, 93.436,
102.852

 43, 93.436,
102.852

 33, 93.436,
102.852

 23, 93.436,

102.852

■ 13, 93.436,
102.852

■ 3, 93.436, 102.852

■ 93, 93.436,
102.852

■ 93, 93.436,
102.852

■ 93, 93.370,
102.859

■ 93, 91.172,
103.020

■ 93, 86.565,
103.363

■ 93, 79.474,
103.899

■ 93, 70.427,
104.597

■ 94, 60.015,
105.415

■ 94, 48.722,
106.314

■ 94, 36.885,
107.263

■ 95, 24.731,
108.235

■ 95, 12.401,
109.209

Harmonies

Complementary

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



93, 93.436, 102.852



31, 128.926, 306.287

Rectangle

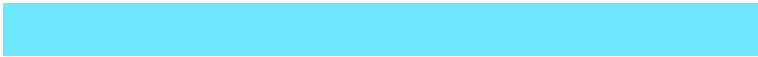
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 93.436, 102.852



93, 93.436, 152.852



93, 93.436, 282.852



93, 93.436, 332.852

Sweetspot

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



93, 93.370, 102.859



98, 38.382, 107.255



51, 100.755, 40.000



52, 26.096, 106.850



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, 93.370, 102.859



97, 96.910, 102.859



86, 105.395, 128.325



51, 7.096, 109.259



73, 76.500, 102.859



24, 33.186, 103.184

Inverse Universe

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



31, 128.926, 306.287



32, 133.815, 306.287



39, 120.447, 311.704



47, 7.256, 291.173



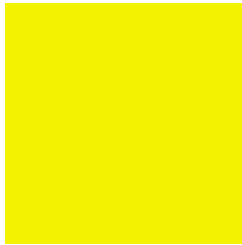
22, 105.633, 306.288



3, 39.905, 299.772

Previews

White Background



This preview shows how the CIELCh color 93, 93.436, 102.852 looks on a white background.

Color Contrast Check

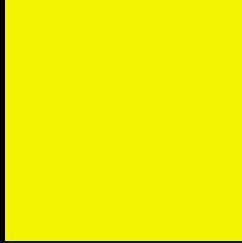
Large Text (above 18pt) WCAG AA × Fail

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, 93.436, 102.852 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, 93.436, 102.852

Background



This preview shows how black text looks on a background with the CIELCh color 93, 93.436, 102.852.

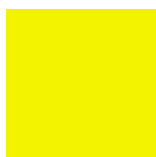


This preview shows how white text looks on a background with the CIELCh color 93, 93.436, 102.852.

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

93, 93.436, 102.852



Protanopia

93, 46.786, 96.453



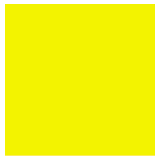
Deuteranopia

93, 18.404, 79.165



Tritanopia
93, 12.649, 342.641

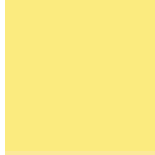
Trichromacy



Original Color
93, 93.436, 102.852



Protanomaly
93, 70.861, 100.086

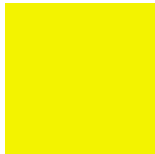


Deuteranomaly
92, 54.550, 98.852



Tritanomaly
92, 40.884, 96.715

Monochromacy



Original Color
93, 93.436, 102.852



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 44.844, 106.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 93.436, 102.852 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(243, 243, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 0)  
}
```

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(243, 243, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 93.436, 102.852 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(243, 243, 0) }
```

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

```
.border{ border-color:rgb(243, 243, 0) }
```

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

Here you see how a box with a 4 pixel rgb(243, 243, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 93.436, 102.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 0) }
```

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

```
.background{ background-color: rgb(243,  
243, 0) }
```

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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