

Converting Colors

CIELCh(96, 91.090, 102.246)

Have a look what the booklet for
CIELCh(96, 91.090, 102.246)
contains.

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Color

CIELCh(96, 91.109, 102.394)

Conversions

Conversions Part 1

Format	Color
Hex	FEFB28
RGB	254, 251, 40
RGB Percent	100%, 98%, 16%
CMY	0.0050, 0.0166, 0.8447
CMYK	0.00, 0.01, 0.84, 0.00
HSL	59°, 99%, 58%
HSV	59°, 84%, 100%
XYZ	75.5691, 90.0078, 15.3619
YIQ	227.8430, 69.5190, -64.9850

Conversions

Conversions Part 2

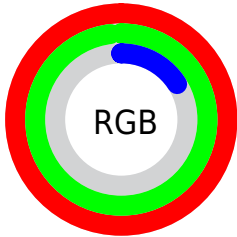
Format	Color
R_{YB}	43, 254, 40
Decimal	16710440
CIE _{Lab}	96.00, -19.56, 88.99
CIE _{LCh}	96, 91.109, 102.394
Yxy	90.0078, 0.4177, 0.4974
Android (android.graphics.Color)	4294900520 (0xFFFEFB28)
YUV	227.8430, -92.6066, 22.9397
Hunter-Lab	94.8724, -23.8455, 56.8104

Details

The CIELCh color **96, 91.109, 102.394** 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 **37, 121.463, 304.506**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 70.406, 104.794**, and **76, 79.205, 103.491** is the 20% darker color. If you saturate the color by 10%, you get **96, 94.565, 102.076**, and if you desaturate by 10%, it is **96, 84.920, 102.903**.

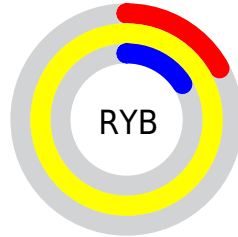
Distribution



Red (100%)

Green (98%)

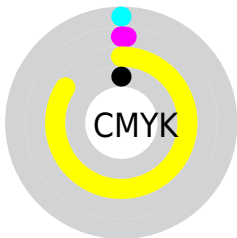
Blue (16%)



Red (17%)

Yellow (100%)

Blue (16%)

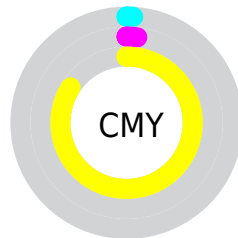


Cyan (0%)

Magenta (1%)

Yellow (84%)

Black (0%)



Cyan (1%)


Magenta (2%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 91.109, 102.394 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 96, 91.109, 102.394 by changing the saturation by 10% instead.


 96, 91.109,
102.394


 96, 91.109,
102.394


 100, 91.109,
102.394


 86, 91.109,
102.394

 76, 91.109,
102.394

 66, 91.109,
102.394

 56, 91.109,
102.394

 46, 91.109,
102.394

 36, 91.109,
102.394

 26, 91.109,

102.394

■ 16, 91.109,
102.394

■ 6, 91.109, 102.394

■ 96, 91.109,
102.394

■ 96, 91.109,
102.394

■ 96, 94.565,
102.076

■ 96, 84.920,
102.903

■ 96, 95.531,
101.960

■ 96, 76.433,
103.578

■ 97, 66.284,
104.382

■ 97, 55.037,
105.276

■ 98, 43.111,
106.229

■ 98, 30.782,
107.212

■ 99, 18.228,
108.204

■ 99, 5.563, 109.180

■ 100, 0.560,
283.289

Harmonies

Complementary

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



96, 91.109, 102.394



37, 121.463, 304.506

Rectangle

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



96, 91.109, 102.394



96, 91.109, 152.394



96, 91.109, 282.394



96, 91.109, 332.394

Sweetspot

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



96, 91.109, 102.396



98, 31.670, 107.151



55, 92.454, 34.967



52, 21.563, 106.804



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 91.109, 102.396



96, 95.894, 101.960



90, 101.372, 126.196



53, 7.237, 108.685



74, 77.251, 101.975



26, 35.142, 102.236

Inverse Universe

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



37, 121.463, 304.506



32, 133.271, 306.175



45, 115.811, 312.101



49, 7.397, 290.629



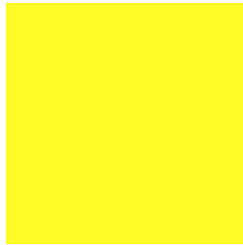
23, 107.152, 306.127



3, 43.687, 301.532

Previews

White Background



This preview shows how the CIELCh color 96, 91.109, 102.394 looks on a white background.

Color Contrast Check

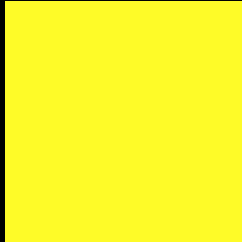
Large Text (above 18pt) WCAG AA × Fail

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 96, 91.109, 102.394 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 96, 91.109, 102.394

Background



This preview shows how black text looks on a background with the CIELCh color 96, 91.109, 102.394.

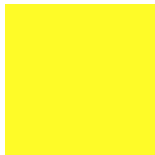


This preview shows how white text looks on a background with the CIELCh color 96, 91.109, 102.394.

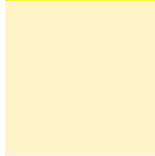
Color Blindness Simulation

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
96, 91.109, 102.394



Protanopia
96, 23.277, 98.056

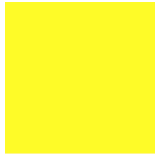


Deuteranopia
96, 9.631, 77.413

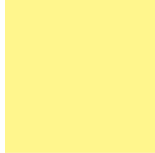


Tritanopia
96, 7.016, 344.104

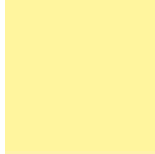
Trichromacy



Original Color
96, 91.109, 102.394



Protanomaly
96, 52.516, 102.095



Deuteranomaly
96, 43.974, 101.543

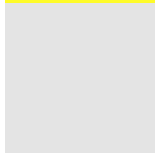


Tritanomaly
95, 36.286, 99.882

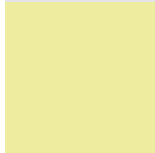
Monochromacy



Original Color
96, 91.109, 102.394



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 39.128, 106.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 91.109, 102.394 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(254, 251, 40)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 40)  
}
```

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(254, 251, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 91.109, 102.394 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(254, 251, 40) }
```

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

```
.border{ border-color:rgb(254, 251, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 251, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 40);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 91.109, 102.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 40) }
```

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

```
.background{ background-color: rgb(254,  
251, 40) }
```

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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