

Converting Colors

CIELCh(96, 92.807, 102.392)

Have a look what the booklet for
CIELCh(96, 92.807, 102.392)
contains.

CIELCh(96, 92.858, 102.541)	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(96, 92.858, 102.541)

Conversions

Conversions Part 1

Format	Color
Hex	FDFB1E
RGB	253, 251, 30
RGB Percent	99%, 98%, 12%
CMY	0.0077, 0.0155, 0.8819
CMYK	0.00, 0.01, 0.88, 0.01
HSL	59°, 98%, 56%
HSV	59°, 88%, 99%
XYZ	75.2719, 90.0078, 14.6401
YIQ	226.4040, 72.1330, -68.3070

Conversions

Conversions Part 2

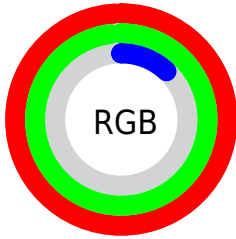
Format	Color
R _Y B	32, 253, 30
Decimal	16644894
CIE Lab	96.00, -20.16, 90.64
CIE LCh	96, 92.858, 102.541
Yxy	90.0078, 0.4184, 0.5003
Android (android.graphics.Color)	4294834974 (0xFFFD FB1E)
YUV	226.4040, -96.8272, 23.3247
Hunter-Lab	94.8724, -24.4046, 57.2614

Details

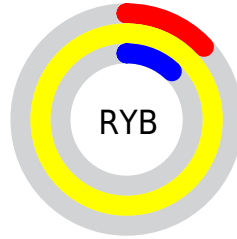
The CIELCh color **96, 92.858, 102.541** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **35, 125.424, 305.160**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 72.453, 104.640**, and **76, 79.214, 103.809** is the 20% darker color. If you saturate the color by 10%, you get **96, 95.371, 102.313**, and if you desaturate by 10%, it is **96, 87.652, 102.960**.

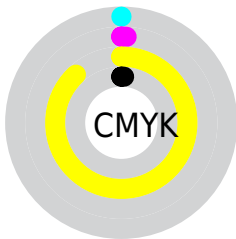
Distribution



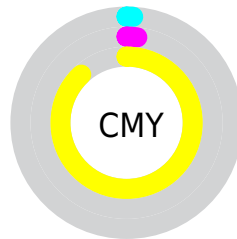
- Red (99%)
- Green (98%)
- Blue (12%)



- Red (13%)
- Yellow (99%)
- Blue (12%)



- Cyan (0%)
- Magenta (1%)
- Yellow (88%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 92.858, 102.541 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, 92.858, 102.541 by changing the saturation by 10% instead.


 96, 92.858,
102.541


 96, 92.858,
102.541


 100, 92.858,
102.541


 86, 92.858,
102.541

 76, 92.858,
102.541

 66, 92.858,
102.541

 56, 92.858,
102.541

 46, 92.858,
102.541

 36, 92.858,
102.541

 26, 92.858,

102.541

■ 16, 92.858,
102.541

■ 6, 92.858, 102.541

■ 96, 92.858,
102.541

■ 96, 92.858,
102.541

■ 96, 95.371,
102.313

■ 96, 87.652,
102.960

■ 96, 95.693,
102.280

■ 96, 79.948,
103.559

■ 97, 70.341,
104.307

■ 97, 59.437,
105.162

97, 47.708,
106.089

98, 35.481,
107.057

98, 22.968,
108.042

99, 10.302,
109.025

99, 0.982, 289.456

Harmonies

Complementary

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



96, 92.858, 102.541



35, 125.424, 305.160

Rectangle

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



96, 92.858, 102.541



96, 92.858, 152.541



96, 92.858, 282.541



96, 92.858, 332.541

Sweetspot

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



96, 92.857, 102.543



98, 33.073, 107.262



54, 95.675, 36.329



52, 22.371, 106.922



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, 92.857, 102.543



97, 96.252, 102.280



90, 103.365, 126.477



53, 7.273, 108.888



75, 77.535, 102.289



26, 35.278, 102.507

Inverse Universe

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



35, 125.424, 305.160



32, 133.464, 306.215



43, 118.518, 312.001



49, 7.435, 290.824



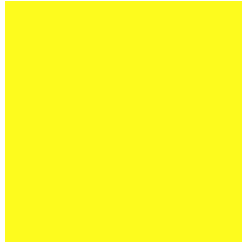
23, 107.374, 306.184



3, 43.843, 301.614

Previews

White Background



This preview shows how the CIELCh color 96, 92.858, 102.541 looks on a white background.

Color Contrast Check

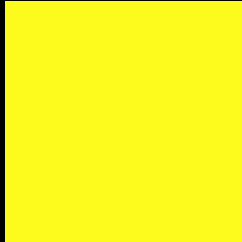
Large Text (above 18pt) WCAG AA × Fail

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, 92.858, 102.541 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, 92.858, 102.541

Background



This preview shows how black text looks on a background with the CIELCh color 96, 92.858, 102.541.



This preview shows how white text looks on a background with the CIELCh color 96, 92.858, 102.541.

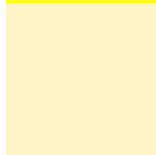
Color Blindness Simulation

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](#).

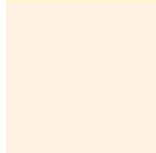
Dichromacy




Original Color
96, 92.858, 102.541



Protanopia
96, 23.277, 98.056



Deuteranopia
96, 9.631, 77.413



Tritanopia
96, 7.016, 344.104

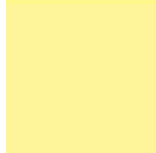
Trichromacy



Original Color
96, 92.858, 102.541



Protanomaly
96, 54.305, 102.942



Deuteranomaly
95, 45.872, 102.087



Tritanomaly
95, 38.206, 100.667

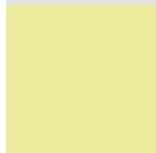
Monochromacy



Original Color
96, 92.858, 102.541



Achromatopsia
90, 0.011, 296.813



Achromatomaly
92, 40.636, 106.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 92.858, 102.541 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, 251, 30)` looks like.

```
.text, #text, p{  
    color:rgb(253, 251, 30)  
}
```

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, 251, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 251, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 92.858, 102.541 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, 251, 30) }
```

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

```
.border{ border-color:rgb(253, 251, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 251, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 251, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 251, 30);  
box-shadow:4px 4px 4px 4px rgb(253, 251,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 92.858, 102.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 251, 30) }
```

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

```
.background{ background-color: rgb(253,  
251, 30) }
```

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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