

Converting Colors

CIELCh(96, 94.206, 102.679)

Have a look what the booklet for
CIELCh(96, 94.206, 102.679)
contains.

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Color

CIELCh(96, 94.059, 102.717)

Conversions

Conversions Part 1

Format	Color
Hex	FCFB16
RGB	252, 251, 22
RGB Percent	99%, 98%, 9%
CMY	0.0104, 0.0144, 0.9144
CMYK	0.00, 0.00, 0.91, 0.01
HSL	60°, 98%, 54%
HSV	60°, 91%, 99%
XYZ	75.0073, 90.0078, 14.1698
YIQ	225.1930, 74.1050, -71.0070

Conversions

Conversions Part 2

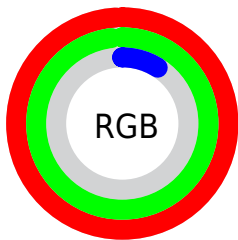
Format	Color
R _Y B	23, 252, 22
Decimal	16579350
CIE Lab	96.00, -20.71, 91.75
CIE LCh	96, 94.059, 102.717
Yxy	90.0078, 0.4186, 0.5023
Android (android.graphics.Color)	4294769430 (0xFFFCFB16)
YUV	225.1930, -100.1741, 23.5097
Hunter-Lab	94.8724, -24.9025, 57.5554

Details

The CIELCh color **96, 94.059, 102.717** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **34, 128.131, 305.616**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 73.656, 104.550**, and **76, 79.226, 104.128** is the 20% darker color. If you saturate the color by 10%, you get **96, 95.820, 102.571**, and if you desaturate by 10%, it is **96, 89.737, 103.052**.

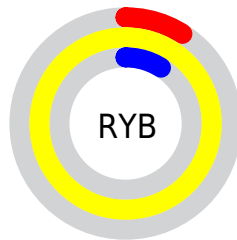
Distribution



Red (99%)

Green (98%)

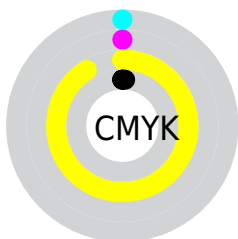
Blue (9%)



Red (9%)

Yellow (99%)

Blue (9%)

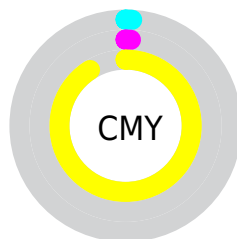


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 94.059, 102.717 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, 94.059, 102.717 by changing the saturation by 10% instead.


 96, 94.059,
102.717


 96, 94.059,
102.717

 100, 94.059,
102.717


 86, 94.059,
102.717

 76, 94.059,
102.717

 66, 94.059,
102.717

 56, 94.059,
102.717

 46, 94.059,
102.717

 36, 94.059,
102.717

 26, 94.059,

102.717

■ 16, 94.059,
102.717

■ 6, 94.059, 102.717

■ 96, 94.059,
102.717

■ 96, 94.059,
102.717

■ 96, 95.820,
102.571

■ 96, 89.737,
103.052

■ 96, 82.788,
103.579

■ 96, 73.729,
104.270

■ 97, 63.183,
105.084

97, 51.670,
105.983

97, 39.561,
106.935

98, 27.102,
107.912

98, 14.450,
108.893

99, 1.706, 109.828

Harmonies

Complementary

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



96, 94.059, 102.717



34, 128.131, 305.616

Rectangle

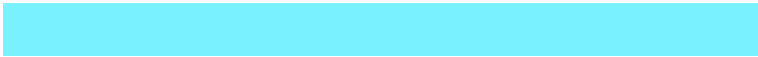
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 94.059, 102.717



96, 94.059, 152.717



96, 94.059, 282.717



96, 94.059, 332.717

Sweetspot

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



96, 94.058, 102.719



98, 34.472, 107.356



53, 98.095, 37.423



52, 23.174, 107.023



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, 94.058, 102.719



97, 96.584, 102.571



90, 104.762, 126.781



52, 7.186, 109.074



74, 77.024, 102.576



25, 34.257, 102.838

Inverse Universe

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



34, 128.131, 305.616



32, 133.642, 306.252



42, 120.410, 311.864



48, 7.347, 291.000



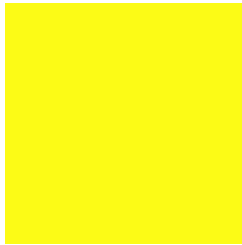
23, 106.506, 306.235



3, 41.896, 300.739

Previews

White Background



This preview shows how the CIE LCh color 96, 94.059, 102.717 looks on a white background.

Color Contrast Check

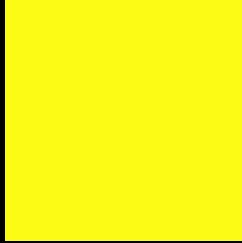
Large Text (above 18pt) WCAG AA × Fail

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, 94.059, 102.717 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, 94.059, 102.717

Background



This preview shows how black text looks on a background with the CIELCh color 96, 94.059, 102.717.



This preview shows how white text looks on a background with the CIELCh color 96, 94.059, 102.717.

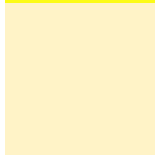
Color Blindness Simulation

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](#).

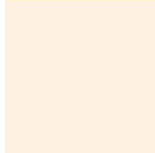
Dichromacy




Original Color
96, 93.943, 102.725



Protanopia
96, 22.869, 96.931



Deuteranopia
96, 9.631, 77.413



Tritanopia
96, 7.016, 344.104

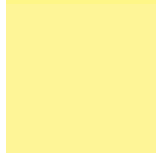
Trichromacy



Original Color
96, 93.943, 102.725



Protanomaly
95, 55.289, 102.476



Deuteranomaly
95, 47.316, 102.097



Tritanomaly
95, 39.680, 100.771

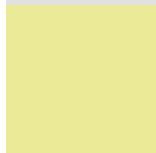
Monochromacy



Original Color
96, 93.943, 102.725



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 42.600, 106.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 94.059, 102.717 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, 251, 22)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 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(252, 251, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 94.059, 102.717 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, 251, 22) }
```

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

```
.border{ border-color:rgb(252, 251, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 22);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 94.059, 102.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 22) }
```

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

```
.background{ background-color: rgb(252,  
251, 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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