

Converting Colors

CIELCh(94, 93.707, 100.709)

Have a look what the booklet for
CIELCh(94, 93.707, 100.709)
contains.

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Color

CIELCh(94, 93.780, 100.776)

Conversions

Conversions Part 1

Format	Color
Hex	FCF400
RGB	252, 244, 0
RGB Percent	99%, 96%, 0%
CMY	0.0124, 0.0437, 1.0000
CMYK	0.00, 0.03, 1.00, 0.01
HSL	58°, 100%, 49%
HSV	58°, 100%, 99%
XYZ	72.3848, 85.2715, 12.6261
YIQ	218.5760, 83.0920, -74.1880

Conversions

Conversions Part 2

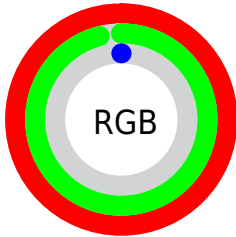
Format	Color
R_{YB}	8, 252, 0
Decimal	16577536
CIE _{Lab}	94.00, -17.53, 92.13
CIE _{LCh}	94, 93.780, 100.776
Yxy	85.2715, 0.4251, 0.5008
Android (android.graphics.Color)	4294767616 (0xFFFCF400)
YUV	218.5760, -107.7580, 29.3128
Hunter-Lab	92.3426, -21.6784, 56.5330

Details

The CIELCh color **94, 93.780, 100.776** 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 **32, 131.309, 306.029**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.384, 104.346**, and **74, 77.072, 101.858** is the 20% darker color. If you saturate the color by 10%, you get **94, 93.737, 100.780**, and if you desaturate by 10%, it is **94, 91.668, 101.118**.

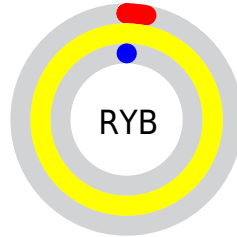
Distribution



Red (99%)

Green (96%)

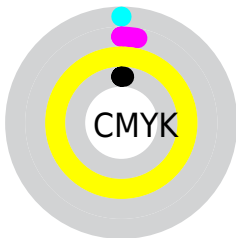
Blue (0%)



Red (3%)

Yellow (99%)

Blue (0%)

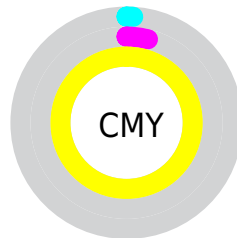


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (4%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 93.780, 100.776 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 94, 93.780, 100.776 by changing the saturation by 10% instead.


 94, 93.780,
100.776

 94, 93.780,
100.776


 100, 93.780,
100.776

 84, 93.780,
100.776

 74, 93.780,
100.776

 64, 93.780,
100.776

 54, 93.780,
100.776

 44, 93.780,
100.776

 34, 93.780,
100.776

 24, 93.780,

100.776

■ 14, 93.780,
100.776

■ 4, 93.780, 100.776

■ 94, 93.780,
100.776

■ 94, 93.780,
100.776

■ 94, 93.737,
100.780

■ 94, 91.668,
101.118

■ 95, 87.049,
101.606

■ 95, 79.857,
102.256

■ 95, 70.683,
103.042

■ 96, 60.157,
103.929

■ 96, 48.777,
104.883

■ 97, 36.887,
105.875

■ 97, 24.707,
106.884

■ 98, 12.379,
107.888

Harmonies

Complementary

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



94, 93.780, 100.776



32, 131.309, 306.029

Rectangle

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



94, 93.780, 100.776



94, 93.780, 150.776



94, 93.780, 280.776



94, 93.780, 330.776

Sweetspot

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



94, 93.737, 100.780



98, 37.262, 105.873



53, 102.296, 39.080



52, 25.346, 105.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 93.737, 100.780



95, 94.628, 100.779



89, 107.206, 127.214



52, 6.993, 107.939



73, 75.491, 100.818



24, 33.512, 101.330

Inverse Universe

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



32, 131.309, 306.029



33, 132.579, 306.033



39, 124.764, 310.953



48, 7.141, 289.906



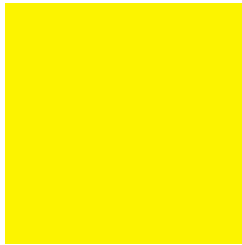
23, 105.276, 305.916



3, 41.092, 300.305

Previews

White Background



This preview shows how the CIELCh color 94, 93.780, 100.776 looks on a white background.

Color Contrast Check

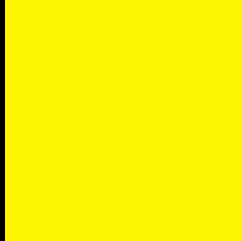
Large Text (above 18pt) WCAG AA × Fail

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 94, 93.780, 100.776 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 94, 93.780, 100.776

Background



This preview shows how black text looks on a background with the CIELCh color 94, 93.780, 100.776.

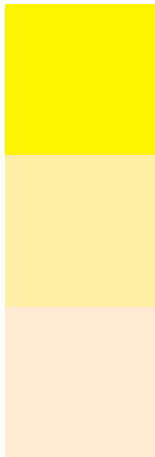


This preview shows how white text looks on a background with the CIELCh color 94, 93.780, 100.776.

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
94, 93.780, 100.776

Protanopia
94, 37.728, 96.912

Deuteranopia
94, 15.311, 79.783



Tritanopia
94, 10.013, 349.202

Trichromacy



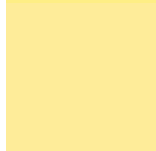
Original Color
94, 93.780, 100.776



Protanomaly
94, 66.351, 99.856

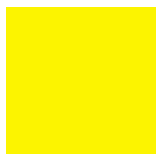


Deuteranomaly
93, 53.062, 98.862



Tritanomaly
93, 42.744, 97.033

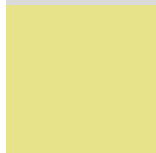
Monochromacy



Original Color
94, 93.780, 100.776



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 44.803, 104.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 93.780, 100.776 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, 244, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 244, 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(252, 244, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 244, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 93.780, 100.776 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, 244, 0) }
```

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

```
.border{ border-color:rgb(252, 244, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 244, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 244, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 244, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 244,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 93.780, 100.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 244, 0) }
```

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

```
.background{ background-color: rgb(252,  
244, 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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