

Converting Colors

CIELCh(94, 91.206, 110.466)

Have a look what the booklet for
CIELCh(94, 91.206, 110.466)
contains.

CIELCh(94, 91.080, 110.303)	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(94, 91.080, 110.303)

Conversions

Conversions Part 1

Format	Color
Hex	E0FB2C
RGB	224, 251, 44
RGB Percent	88%, 98%, 17%
CMY	0.1203, 0.0145, 0.8256
CMYK	0.11, 0.00, 0.82, 0.01
HSL	68°, 97%, 58%
HSV	68°, 82%, 99%
XYZ	65.8977, 85.2715, 15.4134
YIQ	219.3290, 50.3550, -70.1010

Conversions

Conversions Part 2

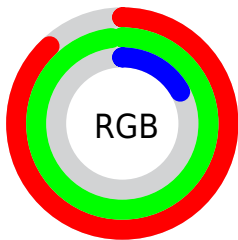
Format	Color
RYB	44, 251, 71
Decimal	14744364
CIELab	94.00, -31.60, 85.42
CIELCh	94, 91.080, 110.303
Yxy	85.2715, 0.3956, 0.5119
Android (android.graphics.Color)	4292934444 (0xFFE0FB2C)
YUV	219.3290, -86.4372, 4.0965
Hunter-Lab	92.3426, -34.2181, 54.7434

Details

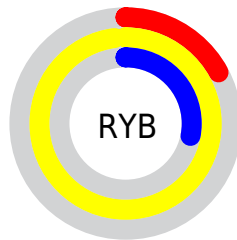
The CIELCh color **94, 91.080, 110.303** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **38, 118.126, 305.672**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 69.574, 104.857**, and **74, 80.558, 112.441** is the 20% darker color. If you saturate the color by 10%, you get **94, 95.342, 110.527**, and if you desaturate by 10%, it is **94, 84.201, 110.415**.

Distribution



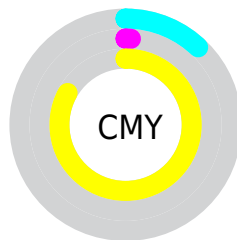
- Red (88%)
- Green (98%)
- Blue (17%)



- Red (17%)
- Yellow (98%)
- Blue (28%)



- Cyan (11%)
- Magenta (0%)
- Yellow (82%)
- Black (1%)





- Cyan (12%)
- Magenta (1%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 91.080, 110.303 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, 91.080, 110.303 by changing the saturation by 10% instead.


 94, 91.080,
110.303


 94, 91.080,
110.303

 100, 91.080,
110.303


 84, 91.080,
110.303

 74, 91.080,
110.303

 64, 91.080,
110.303

 54, 91.080,
110.303

 44, 91.080,
110.303

 34, 91.080,
110.303

 24, 91.080,

110.303

■ 14, 91.080,
110.303

■ 4, 91.080, 110.303

■ 94, 91.080,
110.303

■ 94, 91.080,
110.303

■ 94, 95.342,
110.527

■ 94, 84.201,
110.415

■ 94, 97.018,
110.907

■ 95, 75.193,
110.790

■ 95, 64.670,
111.351

■ 96, 53.151,
112.030

■ 96, 41.010,
112.778

■ 97, 28.498,
113.558

■ 98, 15.777,
114.345

■ 99, 2.955, 115.116

■ 99, 2.092, 315.198

Harmonies

Complementary

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



94, 91.080, 110.303



38, 118.126, 305.672

Rectangle

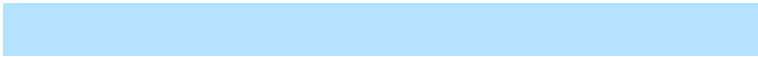
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 91.080, 110.303



94, 91.080, 160.303



94, 91.080, 290.303



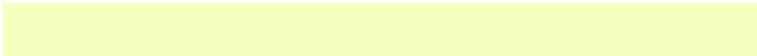
94, 91.080, 340.303

Sweetspot

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



94, 91.080, 110.305



98, 32.270, 113.345



57, 86.549, 38.828



52, 21.969, 113.070



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, 91.080, 110.305



95, 97.900, 110.861



89, 103.240, 130.239



52, 7.256, 114.565



72, 78.193, 110.773



24, 34.631, 110.196

Inverse Universe

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



38, 118.126, 305.672



33, 132.495, 306.648



49, 111.232, 315.668



48, 7.416, 296.079



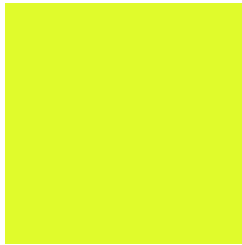
23, 105.895, 306.763



4, 42.389, 303.574

Previews

White Background



This preview shows how the CIELCh color 94, 91.080, 110.303 looks on a white background.

Color Contrast Check

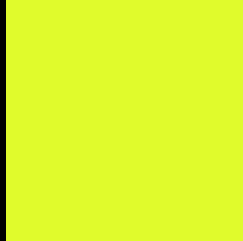
Large Text (above 18pt) WCAG AA × Fail

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, 91.080, 110.303 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, 91.080, 110.303

Background



This preview shows how black text looks on a background with the CIELCh color 94, 91.080, 110.303.



This preview shows how white text looks on a background with the CIELCh color 94, 91.080, 110.303.

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

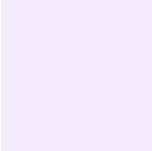
94, 91.080, 110.303

Protanopia

94, 38.708, 97.072

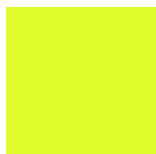
Deuteranopia

94, 15.516, 78.555

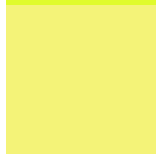


Tritanopia
94, 9.836, 309.373

Trichromacy



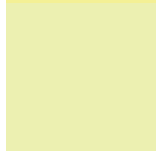
Original Color
94, 91.080, 110.303



Protanomaly
94, 60.737, 104.971

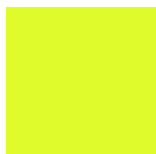


Deuteranomaly
93, 45.894, 104.508

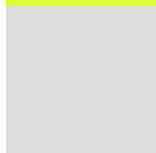


Tritanomaly
93, 32.103, 110.379

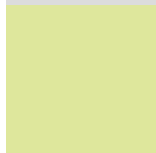
Monochromacy



Original Color
94, 91.080, 110.303



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 38.456, 112.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 91.080, 110.303 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(224, 251, 44)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 44)  
}
```

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(224, 251, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 91.080, 110.303 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(224, 251, 44) }
```

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

```
.border{ border-color:rgb(224, 251, 44) }
```

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

Here you see how a box with a 4 pixel rgb(224, 251, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 44);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 91.080, 110.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 44) }
```

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

```
.background{ background-color: rgb(224,  
251, 44) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor