

Converting Colors

CIELCh(95, 95.281, 104.048)

Have a look what the booklet for
CIELCh(95, 95.281, 104.048)
contains.

CIELCh(95, 95.364, 104.126)	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(95, 95.364, 104.126)

Conversions

Conversions Part 1

Format	Color
Hex	F5FA01
RGB	245, 250, 1
RGB Percent	96%, 98%, 0%
CMY	0.0401, 0.0204, 0.9953
CMYK	0.02, 0.00, 1.00, 0.02
HSL	61°, 99%, 49%
HSV	61°, 100%, 98%
XYZ	71.7070, 87.6183, 13.1658
YIQ	220.1190, 76.9490, -78.4990

Conversions

Conversions Part 2

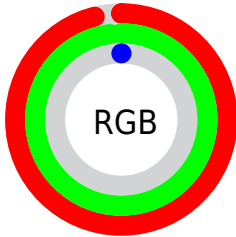
Format	Color
R _Y B	1, 250, 6
Decimal	16120321
CIE Lab	95.00, -23.27, 92.48
CIE LCh	95, 95.364, 104.126
Yxy	87.6183, 0.4157, 0.5080
Android (android.graphics.Color)	4294310401 (0xFFFF5FA01)
YUV	220.1190, -108.0257, 21.8206
Hunter-Lab	93.6047, -27.0661, 57.1840

Details

The CIELCh color **95, 95.364, 104.126** 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, 131.445, 306.298**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **75, 79.055, 106.042** is the 20% darker color. If you saturate the color by 10%, you get **95, 95.447, 104.127**, and if you desaturate by 10%, it is **95, 93.077, 104.191**.

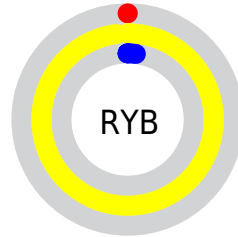
Distribution



Red (96%)

Green (98%)

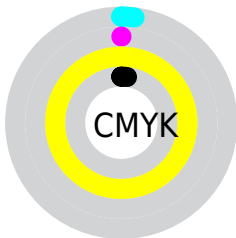
Blue (0%)



Red (0%)

Yellow (98%)

Blue (2%)

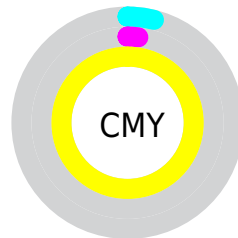


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (4%)


Magenta (2%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 95.364, 104.126 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 95, 95.364, 104.126 by changing the saturation by 10% instead.


 95, 95.364,
104.126


 95, 95.364,
104.126


 100, 95.364,
104.126


 85, 95.364,
104.126

 75, 95.364,
104.126

 65, 95.364,
104.126


 55, 95.364,
104.126

 45, 95.364,
104.126


 35, 95.364,
104.126


 25, 95.364,


104.126


 15, 95.364,
104.126

 5, 95.364, 104.126


 95, 95.364,
104.126


 95, 95.364,
104.126

 95, 95.447,
104.127

 95, 93.077,
104.191

 95, 88.259,
104.464

 95, 80.911,
104.951

 96, 71.585,
105.611

■ 96, 60.885,
106.398

■ 96, 49.299,
107.269

■ 97, 37.168,
108.189

■ 97, 24.717,
109.132

■ 98, 12.090,
110.077

Harmonies

Complementary

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



95, 95.364, 104.126



32, 131.445, 306.298

Rectangle

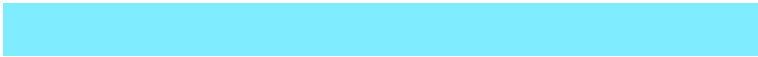
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 95.364, 104.126



95, 95.364, 154.126



95, 95.364, 284.126



95, 95.364, 334.126

Sweetspot

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



95, 95.363, 104.128



98, 38.389, 108.141



52, 102.503, 40.018



52, 26.100, 107.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 95.363, 104.128



97, 96.950, 104.128



88, 108.141, 128.834



52, 7.219, 110.079



74, 77.309, 104.106



25, 34.378, 104.195

Inverse Universe

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



32, 131.445, 306.298



32, 133.728, 306.327



41, 122.451, 312.104



48, 7.382, 291.932



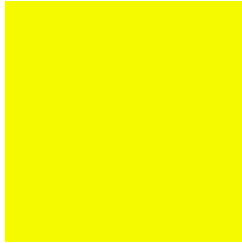
23, 106.607, 306.345



3, 42.085, 301.260

Previews

White Background



This preview shows how the CIELCh color 95, 95.364, 104.126 looks on a white background.

Color Contrast Check

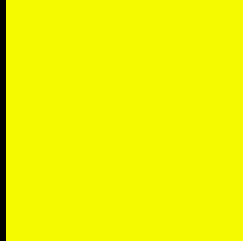
Large Text (above 18pt) WCAG AA × Fail

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 95, 95.364, 104.126 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 95, 95.364, 104.126

Background



This preview shows how black text looks on a background with the CIELCh color 95, 95.364, 104.126.

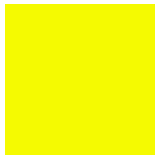


This preview shows how white text looks on a background with the CIELCh color 95, 95.364, 104.126.

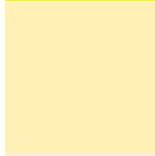
Color Blindness Simulation

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
95, 95.434, 104.120



Protanopia
95, 30.518, 97.542

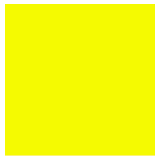


Deuteranopia
95, 12.454, 78.957

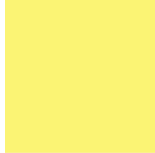


Tritanopia
95, 9.417, 339.180

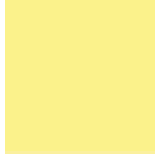
Trichromacy



Original Color
95, 95.434, 104.120



Protanomaly
95, 63.012, 102.581

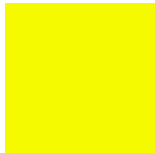


Deuteranomaly
94, 51.692, 102.034

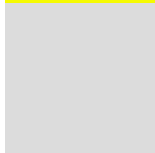


Tritanomaly
94, 41.723, 100.838

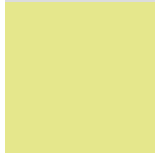
Monochromacy



Original Color
95, 95.434, 104.120



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 46.133, 107.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 95.364, 104.126 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(245, 250, 1)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 1)  
}
```

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(245, 250, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 95.364, 104.126 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(245, 250, 1) }
```

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

```
.border{ border-color:rgb(245, 250, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 1);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 95.364, 104.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 1) }
```

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

```
.background{ background-color: rgb(245,  
250, 1) }
```

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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