

Converting Colors

CIELCh(98, 65.339, 81.132)

Have a look what the booklet for
CIELCh(98, 65.339, 81.132) contains.

CIELCh(94, 59.015, 99.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 59.015, 99.054)

Conversions

Conversions Part 1

Format	Color
Hex	FFF07A
RGB	255, 240, 122
RGB Percent	100%, 94%, 48%
CMY	0.0000, 0.0584, 0.5214
CMYK	0.00, 0.06, 0.52, 0.00
HSL	53°, 100%, 74%
HSV	53°, 52%, 100%
XYZ	76.3783, 85.2715, 30.8612
YIQ	231.0330, 46.8180, -33.5180

Conversions

Conversions Part 2

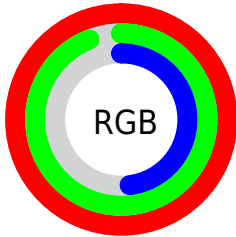
Format	Color
R _Y B	139, 255, 122
Decimal	16773242
CIE Lab	94.00, -9.29, 58.28
CIE LCh	94, 59.015, 99.054
Yxy	85.2715, 0.3967, 0.4429
Android (android.graphics.Color)	4294963322 (0xFFFFF07A)
YUV	231.0330, -53.7533, 21.0191
Hunter-Lab	92.3426, -13.9589, 44.8249

Details

The CIELCh color **94, 59.015, 99.054** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **61, 66.209, 293.692**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.118, 107.193**, and **74, 59.038, 99.308** is the 20% darker color. If you saturate the color by 10%, you get **93, 68.950, 98.462**, and if you desaturate by 10%, it is **95, 48.175, 100.615**.

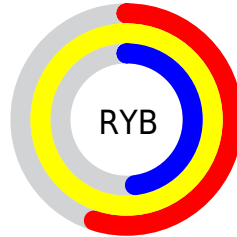
Distribution



Red (100%)

Green (94%)

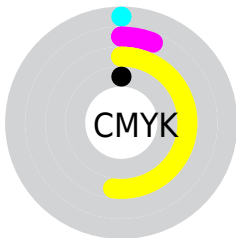
Blue (48%)



Red (55%)

Yellow (100%)

Blue (48%)

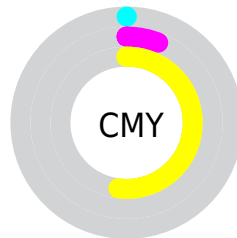


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 59.015, 99.054 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, 59.015, 99.054 by changing the saturation by 10% instead.

 94, 59.015, 99.054

 94, 59.015, 99.054

 100, 59.015,
99.054

 84, 59.015, 99.054

 74, 59.015, 99.054

 64, 59.015, 99.054

 54, 59.015, 99.054

 44, 59.015, 99.054

 34, 59.015, 99.054

 24, 59.015, 99.054

 14, 59.015, 99.054

 4, 59.015, 99.054

94, 59.015, 99.054

94, 59.015, 99.054

93, 68.950, 98.462

95, 48.175,
100.615

92, 77.625, 97.451

96, 36.956,
101.721

91, 84.278, 96.499

90, 88.231, 95.602

97, 25.517,
102.826

90, 89.513, 94.916

98, 13.989,
103.915

100, 2.451,
104.939

100, 0.012,
296.813

Harmonies

Complementary

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



94, 59.015, 99.054



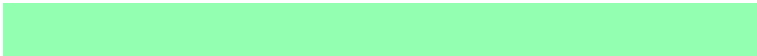
61, 66.209, 293.692

Rectangle

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



94, 59.015, 99.054



94, 59.015, 149.054



94, 59.015, 279.054



94, 59.015, 329.054

Sweetspot

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



94, 58.956, 99.523



98, 18.447, 103.498



67, 54.352, 17.176



52, 12.455, 103.273



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

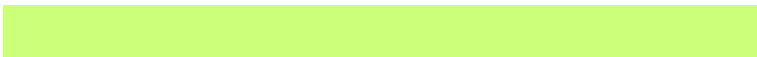
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 58.956, 99.523



93, 69.760, 98.373



94, 68.135, 122.277



53, 6.550, 104.196



69, 72.185, 95.066



24, 32.545, 96.267

Inverse Universe

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



61, 66.209, 293.692



53, 81.673, 296.369



62, 75.490, 308.259



49, 6.664, 286.302



25, 102.080, 304.772



5, 40.566, 299.713

Previews

White Background



This preview shows how the CIELCh color 94, 59.015, 99.054 looks on a white background.

Color Contrast Check

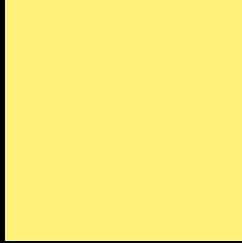
Large Text (above 18pt) WCAG AA × Fail

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, 59.015, 99.054 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, 59.015, 99.054

Background



This preview shows how black text looks on a background with the CIELCh color 94, 59.015, 99.054.

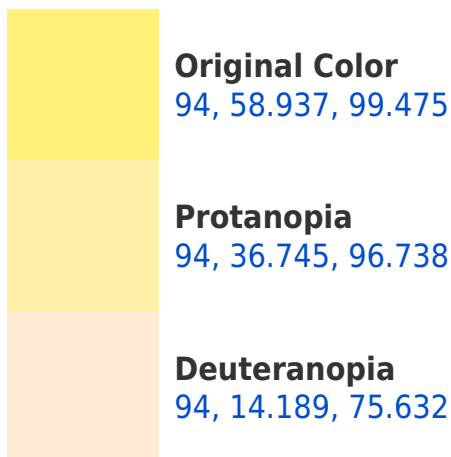


This preview shows how white text looks on a background with the CIELCh color 94, 59.015, 99.054.

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





Tritanopia
94, 10.013, 349.202

Trichromacy



Original Color
94, 58.937, 99.475



Protanomaly
94, 44.939, 98.386



Deuteranomaly
94, 30.079, 93.558

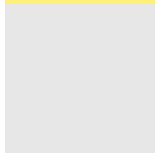


Tritanomaly
94, 20.154, 85.300

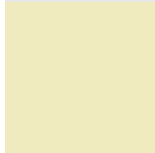
Monochromacy



Original Color
94, 58.937, 99.475



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 22.176, 102.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 59.015, 99.054 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(255, 240, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 122)  
}
```

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(255, 240, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 59.015, 99.054 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(255, 240, 122) }
```

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

```
.border{ border-color:rgb(255, 240, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 59.015, 99.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 122) }
```

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

```
.background{ background-color: rgb(255,  
240, 122) }
```

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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