

Converting Colors

CIELCh(95, 60.354, 95.122)

Have a look what the booklet for
CIELCh(95, 60.354, 95.122) contains.

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Color

CIELCh(94, 59.764, 99.900)

Conversions

Conversions Part 1

Format	Color
Hex	FFF179
RGB	255, 241, 121
RGB Percent	100%, 95%, 47%
CMY	0.0014, 0.0562, 0.5267
CMYK	0.00, 0.05, 0.53, 0.00
HSL	54°, 99%, 74%
HSV	54°, 53%, 100%
XYZ	75.8922, 85.2715, 30.4442
YIQ	231.5060, 46.8640, -34.3520

Conversions

Conversions Part 2

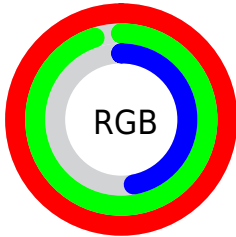
Format	Color
RYB	137, 255, 121
Decimal	16773497
CIELab	94.00, -10.28, 58.87
CIElCh	94, 59.764, 99.900
Yxy	85.2715, 0.3961, 0.4450
Android (android.graphics.Color)	4294963577 (0xFFFFFFFF179)
YUV	231.5060, -54.4795, 20.6042
Hunter-Lab	92.3426, -14.8985, 45.0926

Details

The CIELCh color **94, 59.764, 99.900** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **60, 67.410, 294.133**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 39.607, 107.155**, and **74, 59.809, 99.745** is the 20% darker color. If you saturate the color by 10%, you get **93, 69.732, 98.863**, and if you desaturate by 10%, it is **95, 48.974, 100.979**.

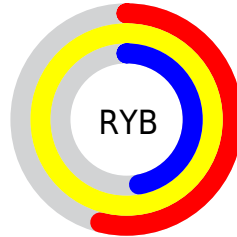
Distribution



Red (100%)

Green (95%)

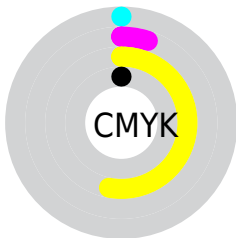
Blue (47%)



Red (54%)

Yellow (100%)

Blue (47%)

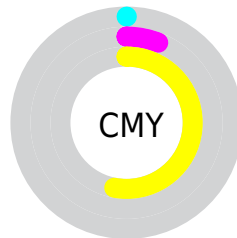


Cyan (0%)

Magenta (5%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 59.764, 99.900 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, 59.764, 99.900 by changing the saturation by 10% instead.

 94, 59.764, 99.900

 94, 59.764, 99.900

 100, 59.764,
99.900

 84, 59.764, 99.900

 74, 59.764, 99.900

 64, 59.764, 99.900

 54, 59.764, 99.900

 44, 59.764, 99.900

 34, 59.764, 99.900

 24, 59.764, 99.900

 14, 59.764, 99.900

 4, 59.764, 99.900

94, 59.764, 99.900

94, 59.764, 99.900

93, 69.732, 98.863

95, 48.974,
100.979

92, 78.334, 97.879

96, 37.719,
102.074

91, 84.868, 96.964

91, 88.681, 96.115

97, 26.225,
103.169

90, 89.857, 95.513

98, 14.630,
104.251

100, 3.014,
105.280

100, 0.125,
204.693

Harmonies

Complementary

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



94, 59.764, 99.900



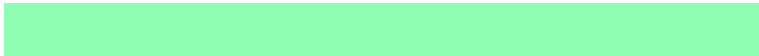
60, 67.410, 294.133

Rectangle

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



94, 59.764, 99.900



94, 59.764, 149.900



94, 59.764, 279.900



94, 59.764, 329.900

Sweetspot

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



94, 59.765, 99.903



98, 18.590, 103.886



67, 54.815, 17.290



52, 12.551, 103.664



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

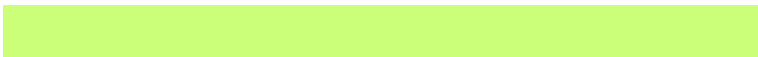
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 59.765, 99.903



93, 70.180, 98.823



94, 68.616, 122.259



53, 6.602, 104.581



70, 72.536, 95.650



24, 32.738, 96.774

Inverse Universe

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



60, 67.410, 294.133



53, 82.432, 296.683



61, 76.108, 308.293



49, 6.719, 286.673



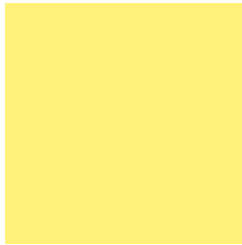
25, 102.600, 304.917



5, 40.810, 299.870

Previews

White Background



This preview shows how the CIELCh color 94, 59.764, 99.900 looks on a white background.

Color Contrast Check

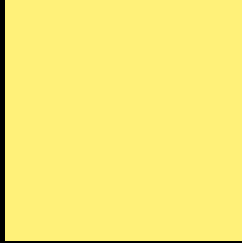
Large Text (above 18pt) WCAG AA × Fail

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, 59.764, 99.900 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, 59.764, 99.900

Background



This preview shows how black text looks on a background with the CIELCh color 94, 59.764, 99.900.

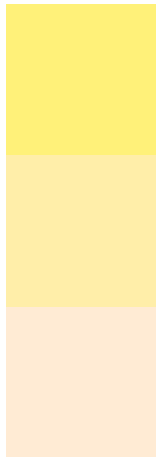


This preview shows how white text looks on a background with the CIELCh color 94, 59.764, 99.900.

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, 59.764, 99.900

Protanopia

94, 35.762, 96.550

Deuteranopia

94, 13.968, 76.926



Tritanopia
94, 9.699, 348.074

Trichromacy



Original Color
94, 59.764, 99.900



Protanomaly
94, 44.939, 98.386



Deuteranomaly
94, 30.450, 94.466

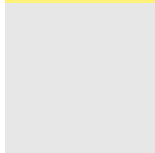


Tritanomaly
94, 20.462, 86.797

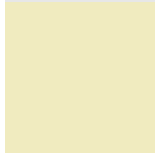
Monochromacy



Original Color
94, 59.764, 99.900



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 22.631, 103.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 59.764, 99.900 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, 241, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 121)  
}
```

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, 241, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 59.764, 99.900 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, 241, 121) }
```

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

```
.border{ border-color:rgb(255, 241, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 241, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 241, 121); box-shadow:4px 4px 4px 4px rgb(255, 241, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 59.764, 99.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 121) }
```

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

```
.background{ background-color: rgb(255,  
241, 121) }
```

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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