

Converting Colors

CIELCh(98, 63.188, 83.008)

Have a look what the booklet for
CIELCh(98, 63.188, 83.008) contains.

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Color

CIELCh(94, 57.953, 99.888)

Conversions

Conversions Part 1

Format	Color
Hex	FFF17D
RGB	255, 241, 125
RGB Percent	100%, 95%, 49%
CMY	0.0019, 0.0567, 0.5115
CMYK	0.00, 0.05, 0.51, 0.00
HSL	54°, 99%, 74%
HSV	54°, 51%, 100%
XYZ	76.0510, 85.2715, 31.7057
YIQ	231.9620, 45.5800, -33.1080

Conversions

Conversions Part 2

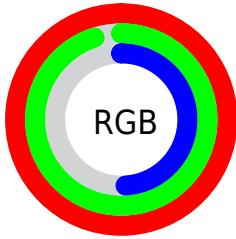
Format	Color
RYB	141, 255, 125
Decimal	16773501
CIELab	94.00, -9.95, 57.09
CIELCh	94, 57.953, 99.888
Yxy	85.2715, 0.3940, 0.4418
Android (android.graphics.Color)	4294963581 (0xFFFFF17D)
YUV	231.9620, -52.7323, 20.2043
Hunter-Lab	92.3426, -14.5915, 44.2827

Details

The CIELCh color **94, 57.953, 99.888** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 64.948, 293.637**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **74, 57.730, 99.791** is the 20% darker color. If you saturate the color by 10%, you get **93, 68.061, 98.837**, and if you desaturate by 10%, it is **95, 47.097, 100.977**.

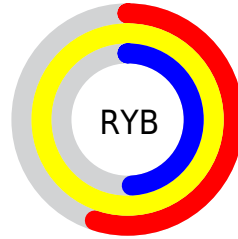
Distribution



Red (100%)

Green (95%)

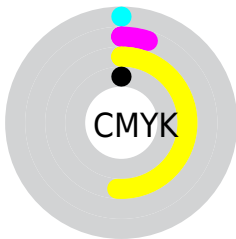
Blue (49%)



Red (55%)

Yellow (100%)

Blue (49%)

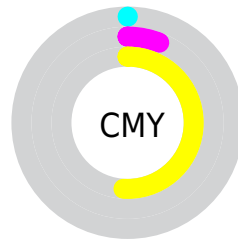


Cyan (0%)

Magenta (5%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 57.953, 99.888 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, 57.953, 99.888 by changing the saturation by 10% instead.

 94, 57.953, 99.888

 94, 57.953, 99.888

 100, 57.953,
99.888

 84, 57.953, 99.888

 74, 57.953, 99.888

 64, 57.953, 99.888

 54, 57.953, 99.888

 44, 57.953, 99.888

 34, 57.953, 99.888

 24, 57.953, 99.888

 14, 57.953, 99.888

 4, 57.953, 99.888

■ 94, 57.953, 99.888

■ 94, 57.953, 99.888

■ 93, 68.061, 98.837

■ 95, 47.097,
100.977

■ 92, 76.906, 97.833

■ 96, 35.825,
102.077

■ 91, 83.806, 96.894

■ 91, 88.068, 96.018

■ 97, 24.345,
103.176

■ 90, 89.638, 95.267

■ 98, 12.782,
104.257

■ 100, 1.211,
105.220

■ 100, 0.170,
203.297

Harmonies

Complementary

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



94, 57.953, 99.888



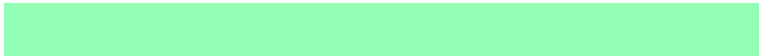
62, 64.948, 293.637

Rectangle

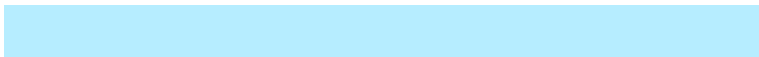
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 57.953, 99.888



94, 57.953, 149.888



94, 57.953, 279.888



94, 57.953, 329.888

Sweetspot

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



94, 57.954, 99.891



98, 17.372, 103.834



68, 53.060, 16.915



52, 11.853, 103.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

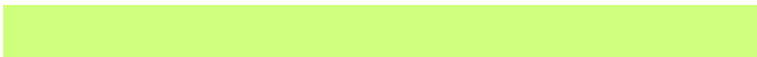
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 57.954, 99.891



93, 68.111, 98.842



94, 66.739, 122.318



53, 6.581, 104.422



70, 72.389, 95.408



24, 32.658, 96.564

Inverse Universe

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



62, 64.948, 293.637



54, 79.223, 296.043



62, 73.753, 308.179



49, 6.696, 286.520



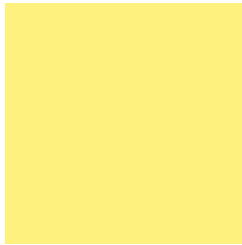
25, 102.387, 304.858



5, 40.709, 299.805

Previews

White Background



This preview shows how the CIELCh color 94, 57.953, 99.888 looks on a white background.

Color Contrast Check

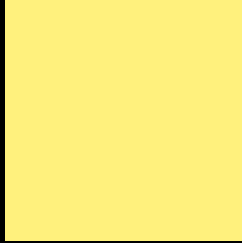
Large Text (above 18pt) WCAG AA × Fail

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, 57.953, 99.888 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, 57.953, 99.888

Background



This preview shows how black text looks on a background with the CIELCh color 94, 57.953, 99.888.

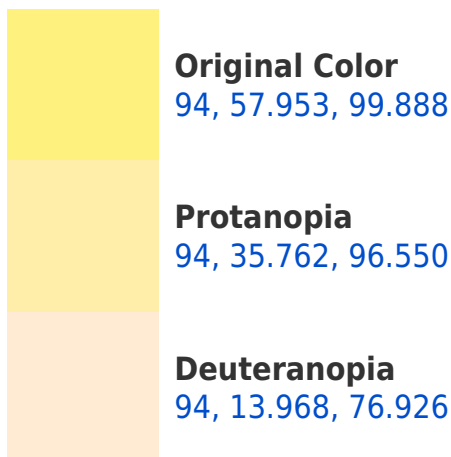



This preview shows how white text looks on a background with the CIELCh color 94, 57.953, 99.888.

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, 9.699, 348.074

Trichromacy



Original Color
94, 57.953, 99.888



Protanomaly
94, 43.972, 98.299



Deuteranomaly
94, 29.957, 94.300

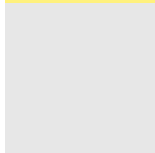


Tritanomaly
94, 19.984, 86.320

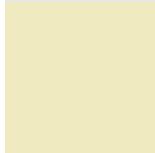
Monochromacy



Original Color
94, 57.953, 99.888



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 21.668, 102.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 57.953, 99.888 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 57.953, 99.888 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, 125) }
```

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

```
.border{ border-color:rgb(255, 241, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 57.953, 99.888 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, 125) }
```

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

```
.background{ background-color: rgb(255,  
241, 125) }
```

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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