

Converting Colors

CIELCh(100, 55.710, 71.866)

Have a look what the booklet for
CIELCh(100, 55.710, 71.866)
contains.

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Color

CIELCh(94, 44.848, 98.914)

Conversions

Conversions Part 1

Format	Color
Hex	FEEF97
RGB	254, 239, 151
RGB Percent	100%, 94%, 59%
CMY	0.0029, 0.0616, 0.4065
CMYK	0.00, 0.06, 0.40, 0.00
HSL	51°, 99%, 80%
HSV	51°, 40%, 100%
XYZ	77.5363, 85.2715, 41.7931
YIQ	233.4530, 37.1880, -24.1880

Conversions

Conversions Part 2

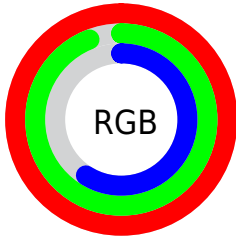
Format	Color
R _Y B	169, 254, 151
Decimal	16707479
CIE Lab	94.00, -6.95, 44.31
CIE LCh	94, 44.848, 98.914
Yxy	85.2715, 0.3790, 0.4168
Android (android.graphics.Color)	4294897559 (0xFFFE97)
YUV	233.4530, -40.6493, 18.0197
Hunter-Lab	92.3426, -11.7203, 37.8059

Details

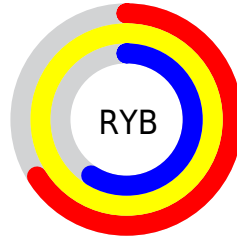
The CIELCh color **94, 44.848, 98.914** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 48.150, 289.595**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **74, 45.031, 98.657** is the 20% darker color. If you saturate the color by 10%, you get **93, 55.476, 97.761**, and if you desaturate by 10%, it is **95, 33.889, 100.074**.

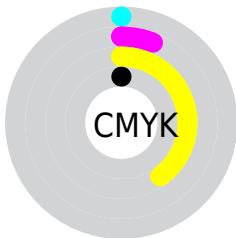
Distribution



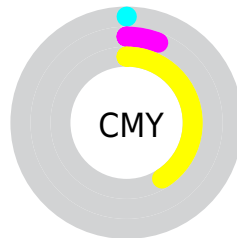
- Red (100%)
- Green (94%)
- Blue (59%)



- Red (66%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 44.848, 98.914 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, 44.848, 98.914 by changing the saturation by 10% instead.

 94, 44.848, 98.914

 94, 44.848, 98.914

 100, 44.848,
98.914

 84, 44.848, 98.914

 74, 44.848, 98.914

 64, 44.848, 98.914

 54, 44.848, 98.914

 44, 44.848, 98.914

 34, 44.848, 98.914

 24, 44.848, 98.914

 14, 44.848, 98.914

 4, 44.848, 98.914

94, 44.848, 98.914

94, 44.848, 98.914

93, 55.476, 97.761

95, 33.889,
100.074

92, 65.460, 96.617

97, 22.783,
101.218

90, 74.312, 95.494

89, 81.343, 94.394

98, 11.640,
102.337

88, 85.800, 93.296

100, 0.522,
103.150

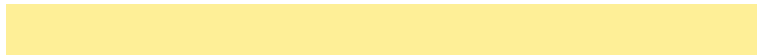
87, 87.530, 92.223

100, 0.255,
201.994

Harmonies

Complementary

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



94, 44.848, 98.914



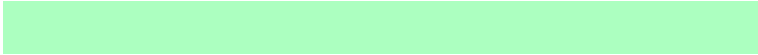
70, 48.150, 289.595

Rectangle

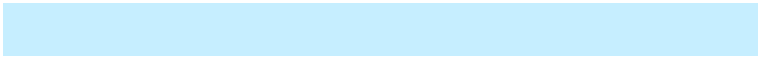
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 44.848, 98.914



94, 44.848, 148.914



94, 44.848, 278.914



94, 44.848, 328.914

Sweetspot

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



94, 44.849, 98.918



98, 13.363, 102.169



74, 41.181, 12.166



52, 8.866, 102.024



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

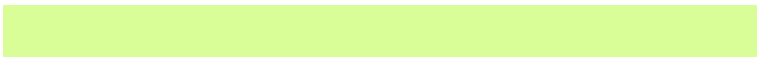
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 44.849, 98.918



93, 54.059, 97.931



95, 53.199, 121.474



53, 6.327, 102.443



68, 70.755, 92.427



23, 31.720, 93.965

Inverse Universe

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



70, 48.150, 289.595



64, 59.366, 291.439



69, 57.643, 306.346



49, 6.424, 284.611



26, 99.526, 304.045



5, 39.500, 298.994

Previews

White Background



This preview shows how the CIE LCh color 94, 44.848, 98.914 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, 44.848, 98.914 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, 44.848, 98.914

Background



This preview shows how black text looks on a background with the CIELCh color 94, 44.848, 98.914.

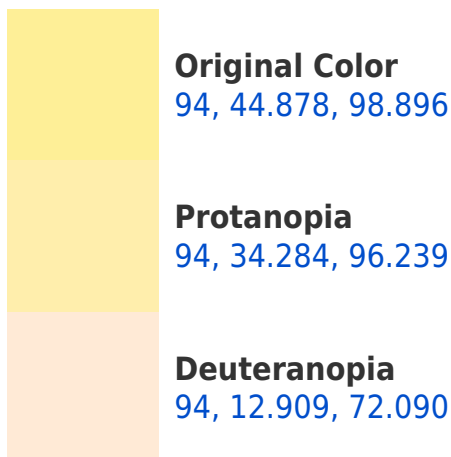



This preview shows how white text looks on a background with the CIELCh color 94, 44.848, 98.914.

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](#).

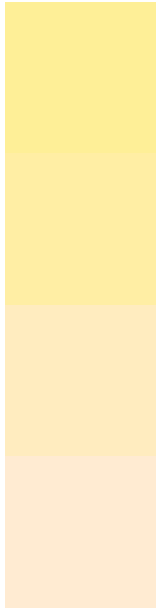
Dichromacy





Tritanopia
94, 9.975, 345.565

Trichromacy



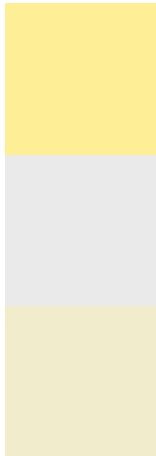
Original Color
94, 44.878, 98.896

Protanomaly
94, 38.218, 96.993

Deuteranomaly
94, 24.187, 90.752

Tritanomaly
94, 14.859, 78.891

Monochromacy



Original Color
94, 44.878, 98.896

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 16.515, 102.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 44.848, 98.914 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(254, 239, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 151)  
}
```

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(254, 239, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 44.848, 98.914 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(254, 239, 151) }
```

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

```
.border{ border-color:rgb(254, 239, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 44.848, 98.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 151) }
```

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

```
.background{ background-color: rgb(254,  
239, 151) }
```

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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