

Converting Colors

CIELCh(94, 45.827, 99.215)

Have a look what the booklet for
CIELCh(94, 45.827, 99.215) contains.

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Color

CIELCh(94, 45.843, 98.966)

Conversions

Conversions Part 1

Format	Color
Hex	FEEF95
RGB	254, 239, 149
RGB Percent	100%, 94%, 58%
CMY	0.0024, 0.0613, 0.4143
CMYK	0.00, 0.06, 0.41, 0.00
HSL	51°, 99%, 79%
HSV	51°, 41%, 100%
XYZ	77.4391, 85.2715, 40.9564
YIQ	233.2250, 37.8300, -24.8100

Conversions

Conversions Part 2

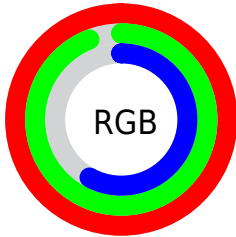
Format	Color
R _Y B	167, 254, 149
Decimal	16707477
CIE Lab	94.00, -7.14, 45.28
CIE LCh	94, 45.843, 98.966
Yxy	85.2715, 0.3802, 0.4187
Android (android.graphics.Color)	4294897557 (0xFFFE95)
YUV	233.2250, -41.5229, 18.2197
Hunter-Lab	92.3426, -11.9082, 38.3431

Details

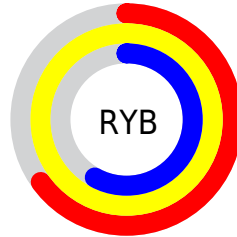
The CIELCh color **94, 45.843, 98.966** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 49.353, 289.882**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **74, 46.002, 98.698** is the 20% darker color. If you saturate the color by 10%, you get **93, 56.452, 97.818**, and if you desaturate by 10%, it is **95, 34.879, 100.123**.

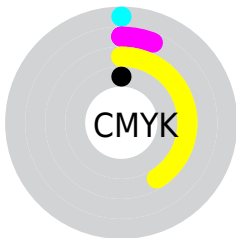
Distribution



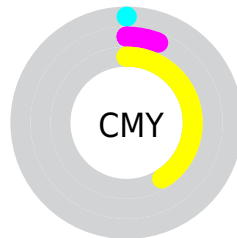
- Red (100%)
- Green (94%)
- Blue (58%)



- Red (65%)
- Yellow (100%)
- Blue (58%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 45.843, 98.966 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, 45.843, 98.966 by changing the saturation by 10% instead.

 94, 45.843, 98.966

 94, 45.843, 98.966

 100, 45.843,
98.966

 84, 45.843, 98.966

 74, 45.843, 98.966

 64, 45.843, 98.966

 54, 45.843, 98.966

 44, 45.843, 98.966

 34, 45.843, 98.966

 24, 45.843, 98.966

 14, 45.843, 98.966

 4, 45.843, 98.966

94, 45.843, 98.966

94, 45.843, 98.966

93, 56.452, 97.818

95, 34.879,
100.123

92, 66.379, 96.682

97, 23.752,
101.265

90, 75.119, 95.569

89, 81.969, 94.480

98, 12.577,
102.384

88, 86.189, 93.396

100, 1.423,
103.384

88, 87.686, 92.430

100, 0.214,
202.483

Harmonies

Complementary

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



94, 45.843, 98.966



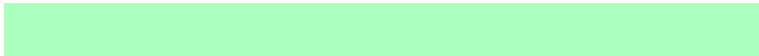
70, 49.353, 289.882

Rectangle

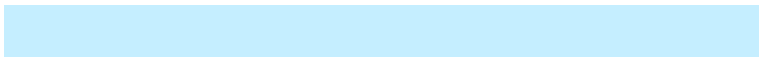
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 45.843, 98.966



94, 45.843, 148.966



94, 45.843, 278.966



94, 45.843, 328.966

Sweetspot

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



94, 45.844, 98.970



98, 13.398, 102.305



73, 42.084, 12.318



52, 8.889, 102.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

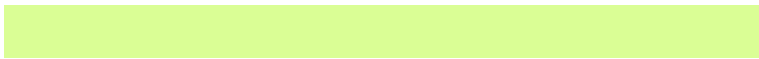
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 45.844, 98.970



93, 55.222, 97.966



95, 54.237, 121.433



53, 6.343, 102.579



68, 70.856, 92.629



23, 31.781, 94.142

Inverse Universe

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



70, 49.353, 289.882



64, 60.882, 291.789



69, 58.880, 306.410



49, 6.442, 284.742



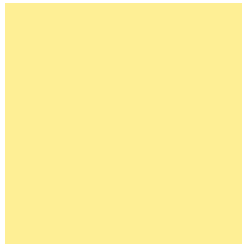
25, 99.733, 304.106



5, 39.580, 299.050

Previews

White Background



This preview shows how the CIE LCh color 94, 45.843, 98.966 looks on a white background.

Color Contrast Check

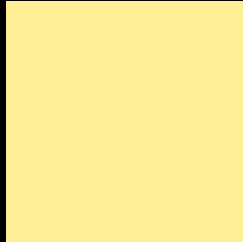
Large Text (above 18pt) WCAG AA × Fail

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, 45.843, 98.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

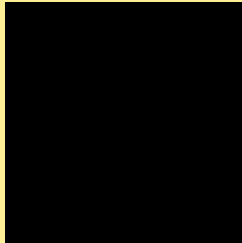
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 45.843, 98.966

Background



This preview shows how black text looks on a background with the CIELCh color 94, 45.843, 98.966.

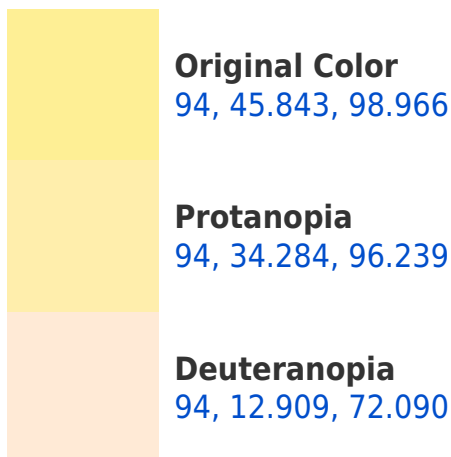


This preview shows how white text looks on a background with the CIELCh color 94, 45.843, 98.966.

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](#).

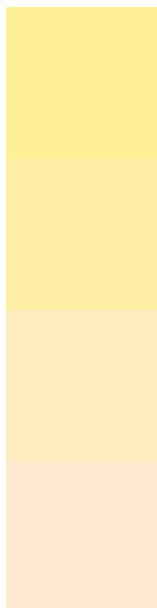
Dichromacy





Tritanopia
94, 9.975, 345.565

Trichromacy



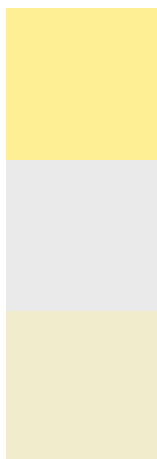
Original Color
94, 45.843, 98.966

Protanomaly
94, 38.218, 96.993

Deuteranomaly
94, 24.676, 91.047

Tritanomaly
94, 15.311, 79.783

Monochromacy



Original Color
94, 45.843, 98.966

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 17.023, 102.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 45.843, 98.966 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 45.843, 98.966 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, 149) }
```

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

```
.border{ border-color:rgb(254, 239, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 45.843, 98.966 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, 149) }
```

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

```
.background{ background-color: rgb(254,  
239, 149) }
```

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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