

Converting Colors

CIELCh(94, 48.706, 98.163)

Have a look what the booklet for
CIELCh(94, 48.706, 98.163) contains.

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Color

CIELCh(94, 48.779, 98.667)

Conversions

Conversions Part 1

Format	Color
Hex	FFEF8F
RGB	255, 239, 143
RGB Percent	100%, 94%, 56%
CMY	0.0000, 0.0613, 0.4379
CMYK	0.00, 0.06, 0.44, 0.00
HSL	52°, 100%, 78%
HSV	52°, 44%, 100%
XYZ	77.3367, 85.2715, 38.5056
YIQ	232.8400, 40.3520, -26.4640

Conversions

Conversions Part 2

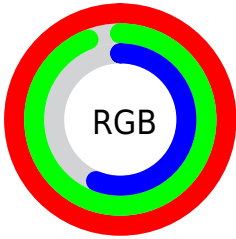
Format	Color
R _Y B	162, 255, 143
Decimal	16773007
CIE Lab	94.00, -7.35, 48.22
CIE LCh	94, 48.779, 98.667
Yxy	85.2715, 0.3845, 0.4240
Android (android.graphics.Color)	4294963087 (0xFFFFEF8F)
YUV	232.8400, -44.2911, 19.4343
Hunter-Lab	92.3426, -12.1062, 39.9167

Details

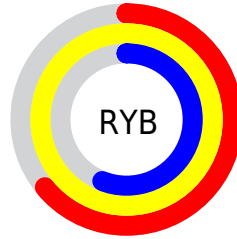
The CIELCh color **94, 48.779, 98.667** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 52.876, 290.546**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **74, 48.871, 98.791** is the 20% darker color. If you saturate the color by 10%, you get **93, 59.269, 97.707**, and if you desaturate by 10%, it is **95, 37.815, 100.000**.

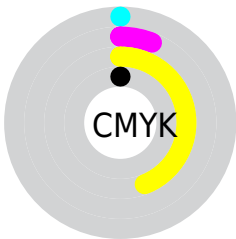
Distribution



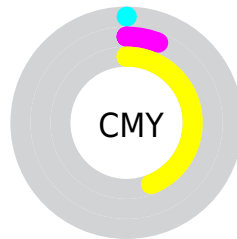
- Red (100%)
- Green (94%)
- Blue (56%)



- Red (64%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (6%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 48.779, 98.667 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, 48.779, 98.667 by changing the saturation by 10% instead.

 94, 48.779, 98.667

 94, 48.779, 98.667

 100, 48.779,
98.667

 84, 48.779, 98.667

 74, 48.779, 98.667

 64, 48.779, 98.667

 54, 48.779, 98.667

 44, 48.779, 98.667

 34, 48.779, 98.667

 24, 48.779, 98.667

 14, 48.779, 98.667

 4, 48.779, 98.667

94, 48.779, 98.667

94, 48.779, 98.667

93, 59.269, 97.707

95, 37.815,
100.000

92, 68.984, 96.583

97, 26.666,
101.142

91, 77.341, 95.486

90, 83.605, 94.415

98, 15.444,
102.265

89, 87.088, 93.345

99, 4.225, 103.340

88, 87.996, 92.668

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, 48.779, 98.667



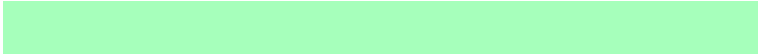
68, 52.876, 290.546

Rectangle

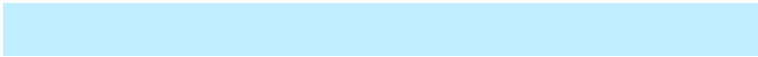
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 48.779, 98.667



94, 48.779, 148.667



94, 48.779, 278.667



94, 48.779, 328.667

Sweetspot

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



94, 48.758, 98.850



98, 14.561, 102.352



72, 44.919, 12.803



52, 10.193, 102.108



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

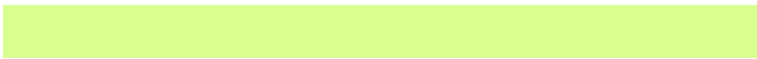
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 48.758, 98.850



93, 58.466, 97.796



95, 57.471, 121.310



53, 6.363, 102.736



68, 70.975, 92.864



23, 31.851, 94.347

Inverse Universe

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



68, 52.876, 290.546



61, 65.142, 292.634



67, 62.765, 306.610



49, 6.462, 284.893



25, 99.970, 304.174



5, 39.673, 299.114

Previews

White Background



This preview shows how the CIELCh color 94, 48.779, 98.667 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, 48.779, 98.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

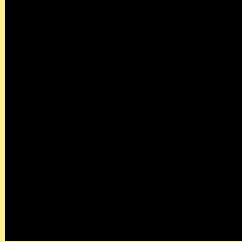
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 48.779, 98.667

Background



This preview shows how black text looks on a background with the CIELCh color 94, 48.779, 98.667.

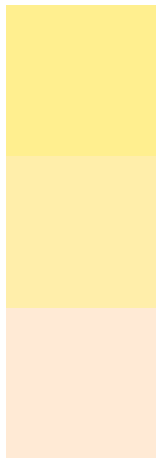


This preview shows how white text looks on a background with the CIELCh color 94, 48.779, 98.667.

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, 48.779, 98.667

Protanopia

94, 35.270, 96.451

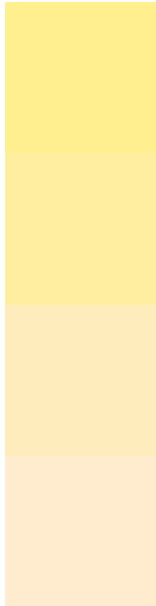
Deuteranopia

94, 13.329, 73.349



Tritanopia
94, 9.699, 348.074

Trichromacy



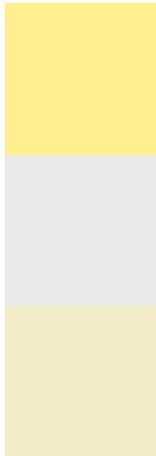
Original Color
94, 48.779, 98.667

Protanomaly
94, 40.176, 97.291

Deuteranomaly
94, 25.656, 91.597

Tritanomaly
94, 16.686, 82.153

Monochromacy



Original Color
94, 48.779, 98.667

Achromatopsia
92, 0.011, 296.813

Achromatomaly
93, 18.097, 101.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 48.779, 98.667 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, 239, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 143)  
}
```

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, 239, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 48.779, 98.667 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, 239, 143) }
```

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

```
.border{ border-color:rgb(255, 239, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 48.779, 98.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 143) }
```

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

```
.background{ background-color: rgb(255,  
239, 143) }
```

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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