

Converting Colors

CIELCh(94, 39.401, 98.392)

Have a look what the booklet for
CIELCh(94, 39.401, 98.392) contains.

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Color

CIELCh(94, 39.522, 98.379)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFA2
RGB	254, 239, 162
RGB Percent	100%, 94%, 64%
CMY	0.0046, 0.0634, 0.3653
CMYK	0.00, 0.06, 0.36, 0.00
HSL	50°, 98%, 82%
HSV	50°, 36%, 100%
XYZ	78.1304, 85.2715, 46.4468
YIQ	234.7070, 33.6570, -20.7670

Conversions

Conversions Part 2

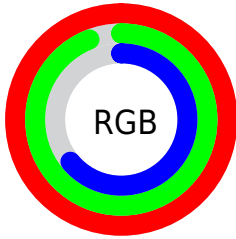
Format	Color
RYB	180, 254, 162
Decimal	16707490
CIELab	94.00, -5.76, 39.10
CIELCh	94, 39.522, 98.379
Yxy	85.2715, 0.3723, 0.4063
Android (android.graphics.Color)	4294897570 (0xFFFEFA2)
YUV	234.7070, -35.8446, 16.9200
Hunter-Lab	92.3426, -10.5720, 34.8179

Details

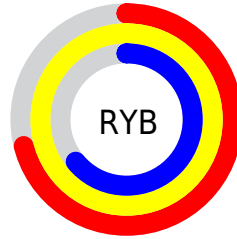
The CIELCh color **94, 39.522, 98.379** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 41.815, 287.871**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **74, 39.589, 98.307** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.181, 97.196**, and if you desaturate by 10%, it is **95, 28.653, 99.559**.

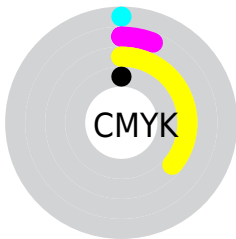
Distribution



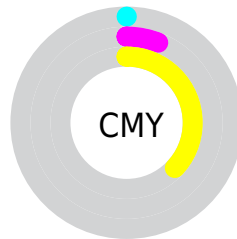
- Red (100%)
- Green (94%)
- Blue (64%)



- Red (71%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 39.522, 98.379 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, 39.522, 98.379 by changing the saturation by 10% instead.

 94, 39.522, 98.379

 94, 39.522, 98.379

 100, 39.522,
98.379

 84, 39.522, 98.379

 74, 39.522, 98.379

 64, 39.522, 98.379

 54, 39.522, 98.379

 44, 39.522, 98.379

 34, 39.522, 98.379

 24, 39.522, 98.379

 14, 39.522, 98.379

 4, 39.522, 98.379

94, 39.522, 98.379

94, 39.522, 98.379

93, 50.181, 97.196

95, 28.653, 99.559

91, 60.382, 96.010

97, 17.712,
100.715

90, 69.729, 94.830

99, 6.782, 101.830

89, 77.617, 93.658

100, 0.409,
200.998

88, 83.271, 92.474

87, 86.049, 91.235

86, 86.569, 90.755

Harmonies

Complementary

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



94, 39.522, 98.379



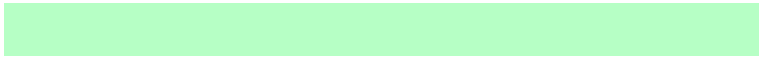
74, 41.815, 287.871

Rectangle

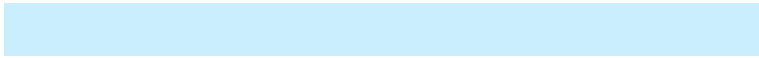
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 39.522, 98.379



94, 39.522, 148.379



94, 39.522, 278.379



94, 39.522, 328.379

Sweetspot

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



94, 39.523, 98.383



98, 12.025, 101.306



76, 36.536, 10.148



52, 8.083, 101.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

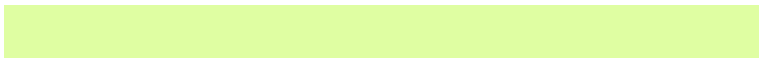
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 39.523, 98.383



93, 46.940, 97.580



96, 47.580, 121.030



52, 6.212, 101.473



67, 70.075, 90.987



23, 31.305, 92.699

Inverse Universe

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



74, 41.815, 287.871



69, 50.412, 289.247



72, 51.146, 305.474



49, 6.300, 283.673



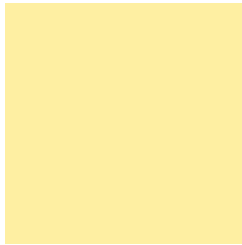
26, 98.012, 303.599



5, 38.940, 298.594

Previews

White Background



This preview shows how the CIELCh color 94, 39.522, 98.379 looks on a white background.

Color Contrast Check

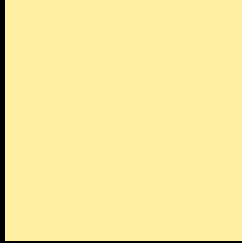
Large Text (above 18pt) WCAG AA × Fail

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, 39.522, 98.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

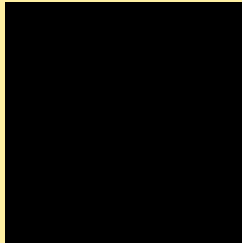
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 39.522, 98.379

Background



This preview shows how black text looks on a background with the CIELCh color 94, 39.522, 98.379.

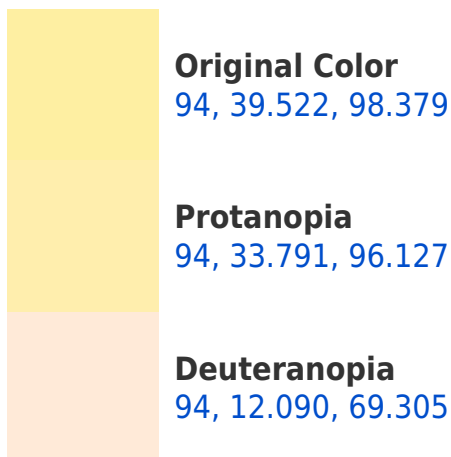


This preview shows how white text looks on a background with the CIELCh color 94, 39.522, 98.379.

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](#).

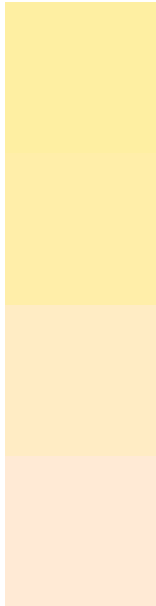
Dichromacy





Tritanopia
94, 9.975, 345.565

Trichromacy



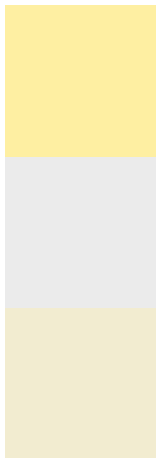
Original Color
94, 39.522, 98.379

Protanomaly
94, 35.762, 96.550

Deuteranomaly
94, 21.752, 89.052

Tritanomaly
94, 13.329, 73.349

Monochromacy



Original Color
94, 39.522, 98.379

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 14.531, 100.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 39.522, 98.379 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 39.522, 98.379 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, 162) }
```

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

```
.border{ border-color:rgb(254, 239, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 39.522, 98.379 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, 162) }
```

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

```
.background{ background-color: rgb(254,  
239, 162) }
```

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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