

Converting Colors

CIELCh(94, 42.608, 98.864)

Have a look what the booklet for
CIELCh(94, 42.608, 98.864) contains.

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Color

CIELCh(94, 42.452, 98.691)

Conversions

Conversions Part 1

Format	Color
Hex	FEEF9C
RGB	254, 239, 156
RGB Percent	100%, 94%, 61%
CMY	0.0036, 0.0624, 0.3879
CMYK	0.00, 0.06, 0.39, 0.00
HSL	51°, 98%, 80%
HSV	51°, 39%, 100%
XYZ	77.8028, 85.2715, 43.8459
YIQ	234.0230, 35.5830, -22.6330

Conversions

Conversions Part 2

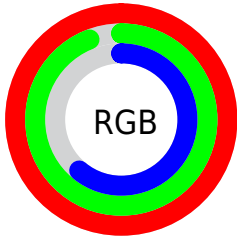
Format	Color
RYB	174, 254, 156
Decimal	16707484
CIELab	94.00, -6.41, 41.96
CIElCh	94, 42.452, 98.691
Yxy	85.2715, 0.3760, 0.4121
Android (android.graphics.Color)	4294897564 (0xFFFEF9C)
YUV	234.0230, -38.4653, 17.5198
Hunter-Lab	92.3426, -11.2053, 36.4879

Details

The CIELCh color **94, 42.452, 98.691** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **72, 45.271, 288.833**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **74, 42.578, 98.526** is the 20% darker color. If you saturate the color by 10%, you get **93, 53.106, 97.524**, and if you desaturate by 10%, it is **95, 31.525, 99.861**.

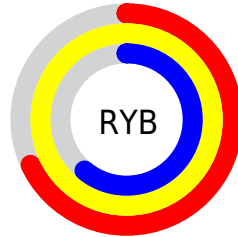
Distribution



Red (100%)

Green (94%)

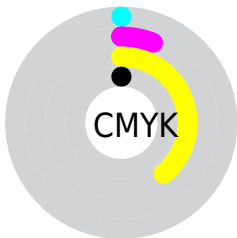
Blue (61%)



Red (68%)

Yellow (100%)

Blue (61%)

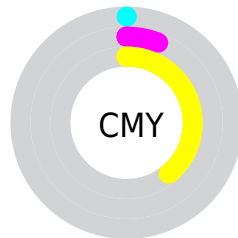


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 42.452, 98.691 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, 42.452, 98.691 by changing the saturation by 10% instead.

 94, 42.452, 98.691

 94, 42.452, 98.691

 100, 42.452,
98.691

 84, 42.452, 98.691

 74, 42.452, 98.691

 64, 42.452, 98.691

 54, 42.452, 98.691

 44, 42.452, 98.691

 34, 42.452, 98.691

 24, 42.452, 98.691

 14, 42.452, 98.691

 4, 42.452, 98.691

94, 42.452, 98.691

94, 42.452, 98.691

93, 53.106, 97.524

95, 31.525, 99.861

91, 63.203, 96.360

97, 20.486,
101.010

90, 72.298, 95.211

98, 9.432, 102.128

89, 79.736, 94.077

100, 0.271,
244.975

88, 84.745, 92.940

100, 0.317,
201.475

87, 86.908, 91.760

87, 87.108, 91.590

Harmonies

Complementary

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



94, 42.452, 98.691



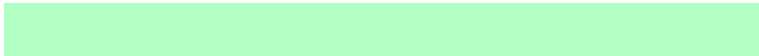
72, 45.271, 288.833

Rectangle

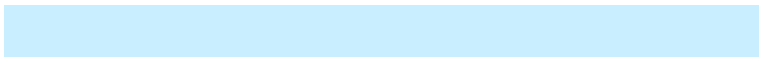
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 42.452, 98.691



94, 42.452, 148.691



94, 42.452, 278.691



94, 42.452, 328.691

Sweetspot

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



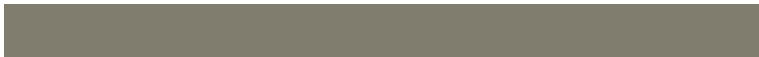
94, 42.453, 98.695



98, 13.258, 101.750



75, 39.100, 10.552



52, 8.797, 101.604



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

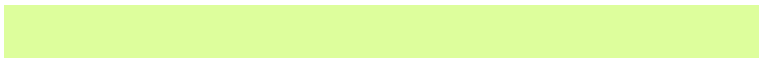
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 42.453, 98.695



93, 50.552, 97.824



95, 50.581, 120.905



52, 6.277, 102.026



67, 70.453, 91.806



23, 31.538, 93.420

Inverse Universe

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



72, 45.271, 288.833



67, 54.897, 290.394



71, 54.672, 305.663



49, 6.370, 284.208



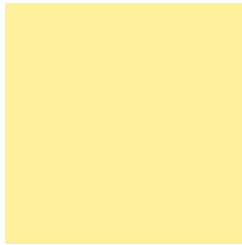
26, 98.883, 303.857



5, 39.257, 298.822

Previews

White Background



This preview shows how the CIE LCh color 94, 42.452, 98.691 looks on a white background.

Color Contrast Check

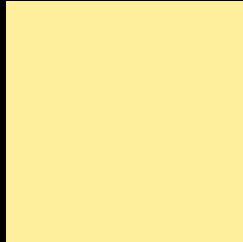
Large Text (above 18pt) WCAG AA × Fail

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, 42.452, 98.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

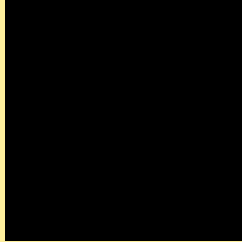
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 42.452, 98.691

Background



This preview shows how black text looks on a background with the CIELCh color 94, 42.452, 98.691.



This preview shows how white text looks on a background with the CIELCh color 94, 42.452, 98.691.

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, 42.452, 98.691

Protanopia

94, 33.791, 96.127

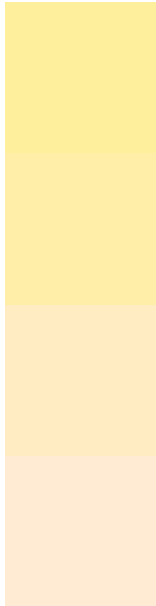
Deuteranopia

94, 12.495, 70.745



Tritanopia
94, 9.975, 345.565

Trichromacy



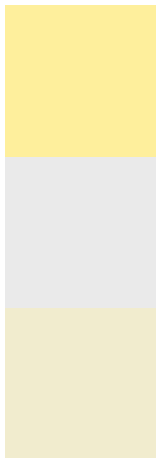
Original Color
94, 42.452, 98.691

Protanomaly
94, 36.745, 96.738

Deuteranomaly
94, 22.724, 89.782

Tritanomaly
94, 14.411, 77.940

Monochromacy



Original Color
94, 42.452, 98.691

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 15.497, 102.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 42.452, 98.691 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 42.452, 98.691 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, 156) }
```

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

```
.border{ border-color:rgb(254, 239, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 42.452, 98.691 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, 156) }
```

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

```
.background{ background-color: rgb(254,  
239, 156) }
```

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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