

Converting Colors

CIELCh(94, 13.550, 98.096)

Have a look what the booklet for
CIELCh(94, 13.550, 98.096) contains.

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Color

CIELCh(94, 13.561, 98.090)

Conversions

Conversions Part 1

Format	Color
Hex	F5EED4
RGB	245, 238, 212
RGB Percent	96%, 93%, 83%
CMY	0.0394, 0.0669, 0.1688
CMYK	0.00, 0.03, 0.13, 0.04
HSL	47°, 62%, 90%
HSV	47°, 13%, 96%
XYZ	80.0733, 85.2715, 74.4909
YIQ	237.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

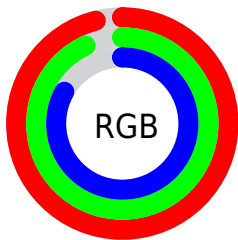
Format	Color
RYB	221, 245, 212
Decimal	16117460
CIELab	94.00, -1.91, 13.43
CIElCh	94, 13.561, 98.090
Yxy	85.2715, 0.3339, 0.3555
Android (android.graphics.Color)	4294307540 (0xFFF5EED4)
YUV	237.1290, -12.3886, 6.9029
Hunter-Lab	92.3426, -6.8163, 16.8118

Details

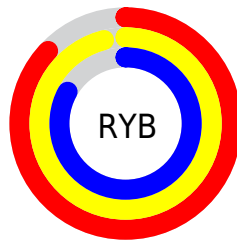
The CIELCh color **94, 13.561, 98.090** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 13.753, 281.381**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.734, 97.289** is the 20% darker color. If you saturate the color by 10%, you get **92, 23.724, 96.902**, and if you desaturate by 10%, it is **96, 3.471, 99.225**.

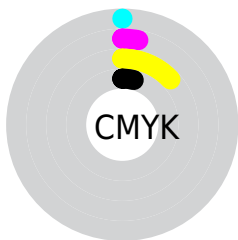
Distribution



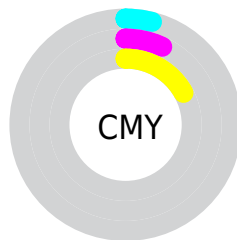
- Red (96%)
- Green (93%)
- Blue (83%)



- Red (87%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 13.561, 98.090 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, 13.561, 98.090 by changing the saturation by 10% instead.

 94, 13.561, 98.090

 94, 13.561, 98.090

 100, 13.561,
98.090

 84, 13.561, 98.090

 74, 13.561, 98.090

 64, 13.561, 98.090

 54, 13.561, 98.090

 44, 13.561, 98.090

 34, 13.561, 98.090

 24, 13.561, 98.090

 14, 13.561, 98.090

 4, 13.561, 98.090

94, 13.561, 98.090

94, 13.561, 98.090

92, 23.724, 96.902

96, 3.471, 99.225

90, 33.901, 95.671

98, 3.588, 271.398

89, 43.992, 94.415

99, 3.049, 213.674

87, 53.815, 93.140

99, 3.475, 199.376

86, 63.056, 91.844

84, 71.205, 90.517

83, 77.527, 89.121

81, 81.236, 87.588

80, 82.333, 86.497

Harmonies

Complementary

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



94, 13.561, 98.090



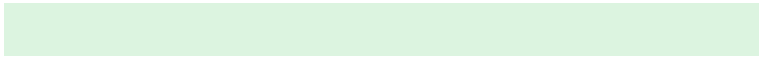
88, 13.753, 281.381

Rectangle

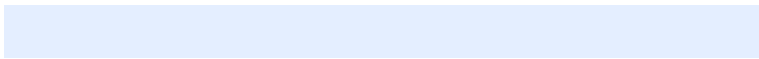
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.561, 98.090



94, 13.561, 148.090



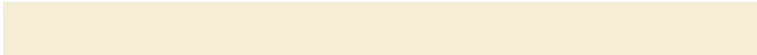
94, 13.561, 278.090



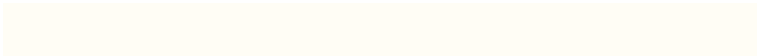
94, 13.561, 328.090

Sweetspot

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



94, 13.563, 98.099



99, 4.134, 99.171



88, 12.653, 3.266



53, 2.941, 99.092



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, 13.563, 98.099



97, 16.662, 97.797



95, 17.207, 120.378



50, 5.707, 98.563



63, 67.104, 86.817



20, 27.902, 89.184

Inverse Universe

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



88, 13.753, 281.381



89, 16.935, 281.742



87, 17.671, 302.026



48, 5.768, 280.849



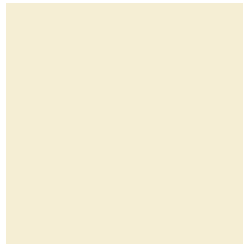
27, 91.216, 302.052



5, 33.962, 295.607

Previews

White Background



This preview shows how the CIE LCh color 94, 13.561, 98.090 looks on a white background.

Color Contrast Check

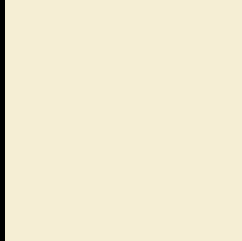
Large Text (above 18pt) WCAG AA × Fail

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, 13.561, 98.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

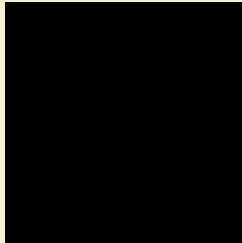
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

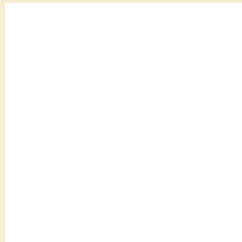
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.561, 98.090

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.561, 98.090.

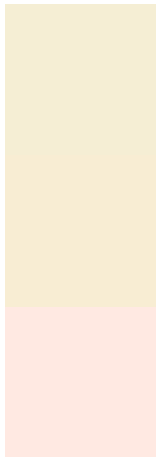


This preview shows how white text looks on a background with the CIELCh color 94, 13.561, 98.090.

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, 13.561, 98.090

Protanopia

94, 13.931, 92.034

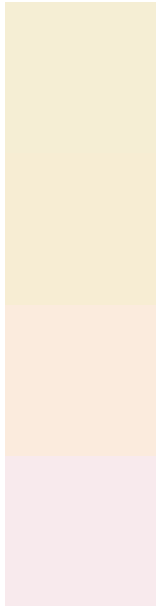
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 11.698, 323.394

Trichromacy



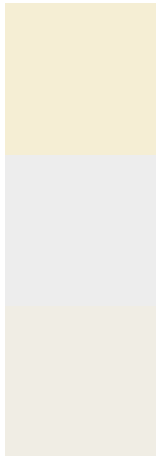
Original Color
94, 13.561, 98.090

Protanomaly
94, 13.826, 93.518

Deuteranomaly
94, 9.268, 70.262

Tritanomaly
94, 5.246, 2.578

Monochromacy



Original Color
94, 13.561, 98.090

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.730, 96.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.561, 98.090 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(245, 238, 212)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 212)  
}
```

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(245, 238, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.561, 98.090 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(245, 238, 212) }
```

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

```
.border{ border-color:rgb(245, 238, 212) }
```

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

Here you see how a box with a 4 pixel rgb(245, 238, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 212);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.561, 98.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 212) }
```

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

```
.background{ background-color: rgb(245,  
238, 212) }
```

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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