

Converting Colors

CIELCh(94, 5.460, 63.614)

Have a look what the booklet for
CIELCh(94, 5.460, 63.614) contains.

CIELCh(94, 5.698, 65.503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 5.698, 65.503)

Conversions

Conversions Part 1

Format	Color
Hex	F7ECE4
RGB	247, 236, 228
RGB Percent	97%, 93%, 89%
CMY	0.0318, 0.0749, 0.1063
CMYK	0.00, 0.04, 0.08, 0.03
HSL	25°, 54%, 93%
HSV	25°, 8%, 97%
XYZ	82.2657, 85.2715, 85.4374
YIQ	238.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

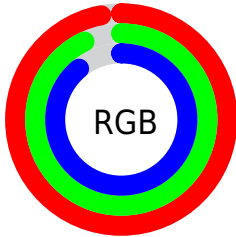
Format	Color
R _Y B	247, 242, 228
Decimal	16248036
CIE Lab	94.00, 2.36, 5.19
CIE LCh	94, 5.698, 65.503
Yxy	85.2715, 0.3252, 0.3371
Android (android.graphics.Color)	4294438116 (0xFFFF7ECE4)
YUV	238.3770, -5.1159, 7.5624
Hunter-Lab	92.3426, -2.5784, 9.7834

Details

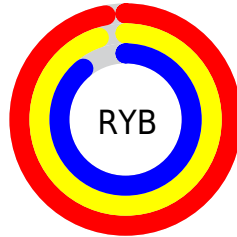
The CIELCh color **94, 5.698, 65.503** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.547, 247.430**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 5.638, 61.552** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.506, 64.500**, and if you desaturate by 10%, it is **98, 1.669, 247.001**.

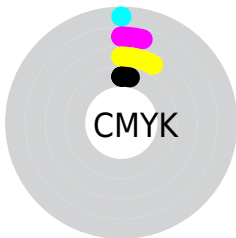
Distribution



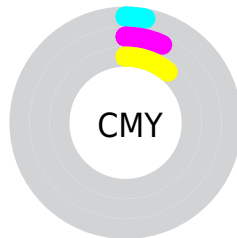
- Red (97%)
- Green (93%)
- Blue (89%)



- Red (97%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.698, 65.503 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, 5.698, 65.503 by changing the saturation by 10% instead.

 94, 5.698, 65.503	 94, 5.698, 65.503
 100, 5.698, 65.503	 84, 5.698, 65.503
	 74, 5.698, 65.503
	 64, 5.698, 65.503
	 54, 5.698, 65.503
	 44, 5.698, 65.503
	 34, 5.698, 65.503
	 24, 5.698, 65.503
	 14, 5.698, 65.503
	 4, 5.698, 65.503

94, 5.698, 65.503

94, 5.698, 65.503

90, 13.506, 64.500

98, 1.669, 247.001

86, 21.798, 63.446

99, 2.810, 199.463

82, 30.607, 62.408

78, 39.936, 61.397

74, 49.732, 60.407

71, 59.819, 59.398

68, 69.782, 58.259

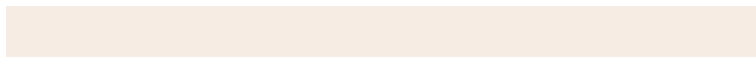
65, 78.759, 56.734

62, 85.458, 54.412

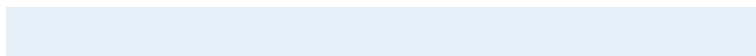
Harmonies

Complementary

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



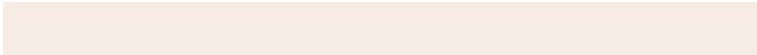
94, 5.698, 65.503



94, 5.547, 247.430

Rectangle

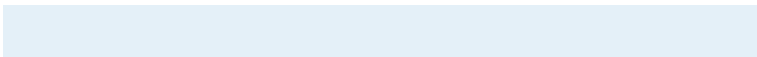
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 5.698, 65.503



94, 5.698, 115.503



94, 5.698, 245.503



94, 5.698, 295.503

Sweetspot

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



94, 5.698, 65.530



99, 1.490, 65.890



92, 8.894, 339.963



53, 0.847, 65.882



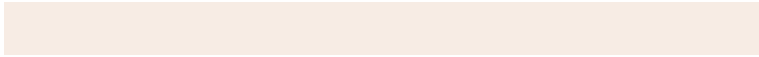
0, 0.000, 0.000



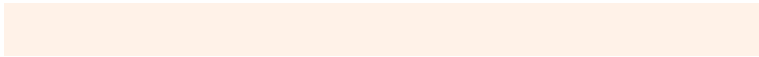
53, 0.007, 296.813

Same Dimension

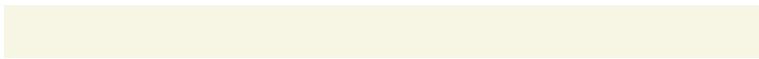
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.698, 65.530



96, 6.869, 65.401



96, 8.893, 105.791



49, 4.202, 65.354



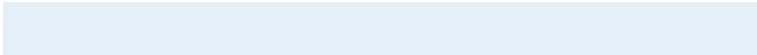
47, 69.865, 54.565



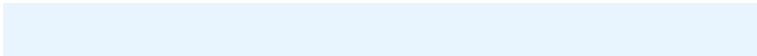
13, 24.888, 53.517

Inverse Universe

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



94, 5.547, 247.430



96, 6.649, 247.583



91, 9.034, 287.447



49, 4.060, 247.639



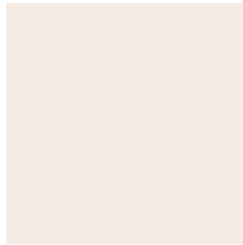
45, 48.589, 275.215



12, 19.324, 267.345

Previews

White Background



This preview shows how the CIELCh color 94, 5.698, 65.503 looks on a white background.

Color Contrast Check

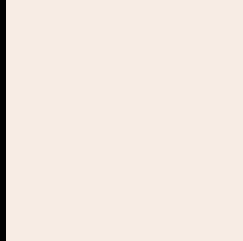
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 5.698, 65.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

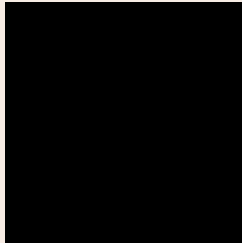
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

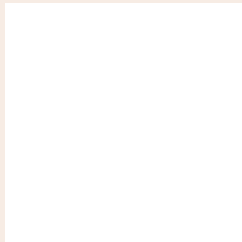
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.698, 65.503

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.698, 65.503.

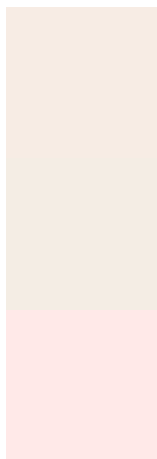


This preview shows how white text looks on a background with the CIELCh color 94, 5.698, 65.503.

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, 5.698, 65.503

Protanopia

94, 5.243, 80.971

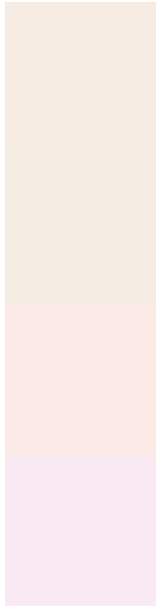
Deuteranopia

94, 7.972, 23.550



Tritanopia
94, 11.698, 323.394

Trichromacy



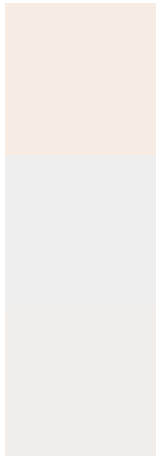
Original Color
94, 5.698, 65.503

Protanomaly
94, 5.426, 77.596

Deuteranomaly
94, 6.679, 33.038

Tritanomaly
94, 7.693, 337.903

Monochromacy



Original Color
94, 5.698, 65.503

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.082, 66.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.698, 65.503 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(247, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 236, 228)  
}
```

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(247, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 236, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.698, 65.503 is called "border". The border property can be set on classes, ids or directly on the HTML element.

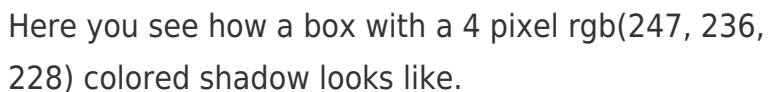
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 236, 228) }
```

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

```
.border{ border-color:rgb(247, 236, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 236, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 236, 228); box-shadow:4px 4px 4px 4px rgb(247, 236, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.698, 65.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 236, 228) }
```

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

```
.background{ background-color: rgb(247,  
236, 228) }
```

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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