

Converting Colors

CIELCh(94, 6.863, 61.839)

Have a look what the booklet for
CIELCh(94, 6.863, 61.839) contains.

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Color

CIELCh(94, 6.857, 61.843)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBE2
RGB	249, 235, 226
RGB Percent	98%, 92%, 89%
CMY	0.0224, 0.0773, 0.1126
CMYK	0.00, 0.06, 0.09, 0.02
HSL	23°, 67%, 93%
HSV	23°, 9%, 98%
XYZ	82.7187, 85.2715, 84.2474
YIQ	238.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

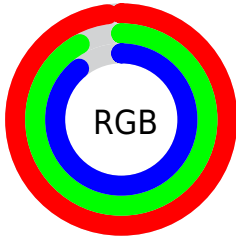
Format	Color
R _Y B	249, 241, 226
Decimal	16378850
CIE Lab	94.00, 3.24, 6.05
CIE LCh	94, 6.857, 61.843
Yxy	85.2715, 0.3279, 0.3381
Android (android.graphics.Color)	4294568930 (0xFFFF9EBE2)
YUV	238.1600, -5.9949, 9.5067
Hunter-Lab	92.3426, -1.7027, 10.5474

Details

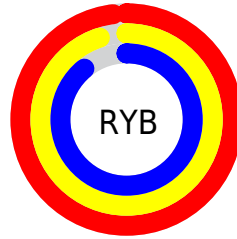
The CIELCh color **94, 6.857, 61.843** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.602, 243.955**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.893, 58.369** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.760, 60.922**, and if you desaturate by 10%, it is **98, 0.563, 243.887**.

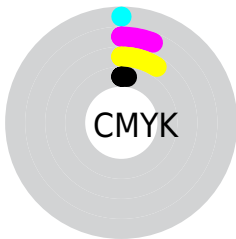
Distribution



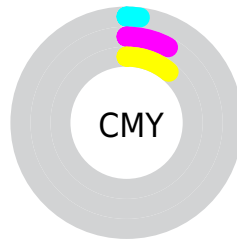
- Red (98%)
- Green (92%)
- Blue (89%)



- Red (98%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.857, 61.843 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, 6.857, 61.843 by changing the saturation by 10% instead.

 94, 6.857, 61.843

 94, 6.857, 61.843

 100, 6.857, 61.843

 84, 6.857, 61.843

 74, 6.857, 61.843

 64, 6.857, 61.843

 54, 6.857, 61.843

 44, 6.857, 61.843

 34, 6.857, 61.843

 24, 6.857, 61.843

 14, 6.857, 61.843

 4, 6.857, 61.843

94, 6.857, 61.843

94, 6.857, 61.843

90, 14.760, 60.922

98, 0.563, 243.887

85, 23.195, 59.978

100, 1.984,
199.613

81, 32.194, 59.068

77, 41.764, 58.206

74, 51.843, 57.384

70, 62.241, 56.558

67, 72.494, 55.597

64, 81.640, 54.206

61, 88.442, 52.020

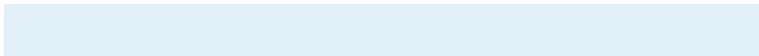
Harmonies

Complementary

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



94, 6.857, 61.843



94, 6.602, 243.955

Rectangle

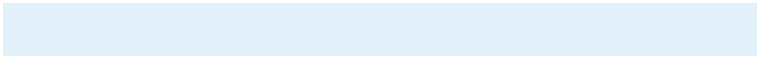
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 6.857, 61.843



94, 6.857, 111.843



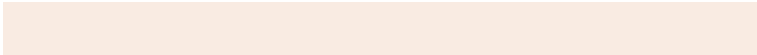
94, 6.857, 241.843



94, 6.857, 291.843

Sweetspot

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



94, 6.857, 61.866



99, 2.222, 62.323



92, 11.022, 338.516



52, 1.690, 62.294



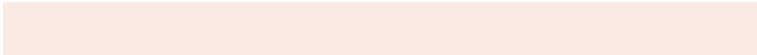
0, 0.000, 0.000



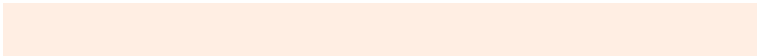
53, 0.007, 296.813

Same Dimension

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



94, 6.857, 61.866



95, 8.373, 61.702



97, 10.388, 103.988



50, 4.236, 61.842



47, 71.737, 52.523



14, 26.326, 51.075

Inverse Universe

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



94, 6.602, 243.955



95, 7.994, 244.160



91, 10.561, 286.038



50, 4.073, 243.985



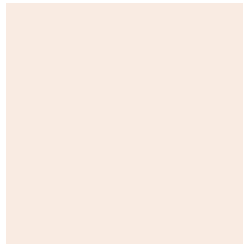
47, 46.242, 271.237



14, 19.015, 263.644

Previews

White Background



This preview shows how the CIELCh color 94, 6.857, 61.843 looks on a white background.

Color Contrast Check

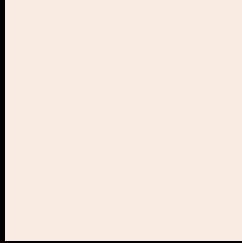
Large Text (above 18pt) WCAG AA × Fail

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, 6.857, 61.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

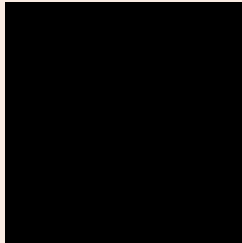
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

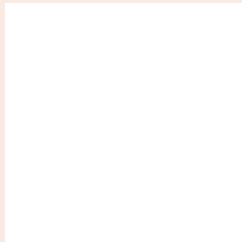
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.857, 61.843

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.857, 61.843.

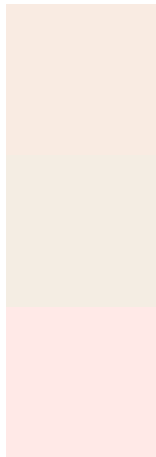


This preview shows how white text looks on a background with the CIELCh color 94, 6.857, 61.843.

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, 6.857, 61.843

Protanopia

94, 5.701, 83.388

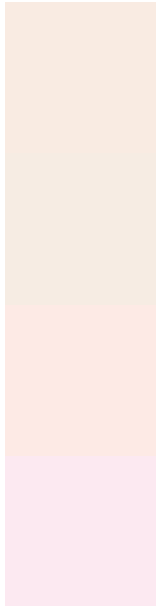
Deuteranopia

94, 8.032, 27.185



Tritanopia
94, 11.897, 329.079

Trichromacy



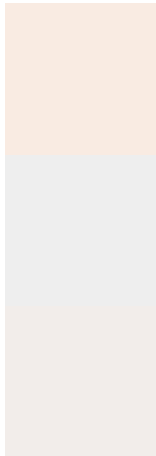
Original Color
94, 6.857, 61.843

Protanomaly
94, 5.849, 71.521

Deuteranomaly
94, 7.348, 40.144

Tritanomaly
94, 7.944, 348.746

Monochromacy



Original Color
94, 6.857, 61.843

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.340, 60.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.857, 61.843 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(249, 235, 226)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 226)  
}
```

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(249, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.857, 61.843 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(249, 235, 226) }
```

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

```
.border{ border-color:rgb(249, 235, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.857, 61.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 226) }
```

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

```
.background{ background-color: rgb(249,  
235, 226) }
```

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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