

Converting Colors

CIELCh(94, 5.657, 46.534)

Have a look what the booklet for
CIELCh(94, 5.657, 46.534) contains.

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Color

CIELCh(94, 5.657, 46.534)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBE6
RGB	249, 235, 230
RGB Percent	98%, 92%, 90%
CMY	0.0235, 0.0784, 0.0980
CMYK	0.00, 0.06, 0.08, 0.02
HSL	16°, 61%, 94%
HSV	16°, 8%, 98%
XYZ	83.0601, 85.2715, 86.9459
YIQ	238.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

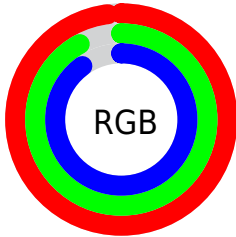
Format	Color
R _Y B	249, 237, 230
Decimal	16378854
CIE Lab	94.00, 3.89, 4.11
CIE LCh	94, 5.657, 46.534
Yxy	85.2715, 0.3254, 0.3340
Android (android.graphics.Color)	4294568934 (0xFFFF9EBE6)
YUV	238.6160, -4.2477, 9.1068
Hunter-Lab	92.3426, -1.0427, 8.8149

Details

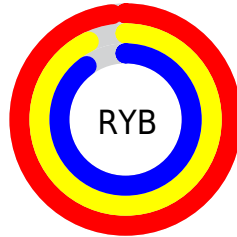
The CIELCh color **94, 5.657, 46.534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.416, 227.599**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 5.751, 41.723** is the 20% darker color. If you saturate the color by 10%, you get **89, 13.601, 46.188**, and if you desaturate by 10%, it is **99, 1.696, 227.537**.

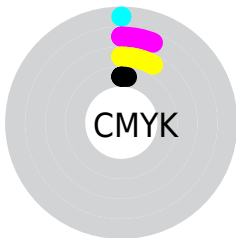
Distribution



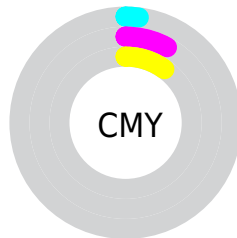
- Red (98%)
- Green (92%)
- Blue (90%)



- Red (98%)
- Yellow (93%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.657, 46.534 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, 5.657, 46.534 by changing the saturation by 10% instead.

 94, 5.657, 46.534	 94, 5.657, 46.534
 100, 5.657, 46.534	 84, 5.657, 46.534
	 74, 5.657, 46.534
	 64, 5.657, 46.534
	 54, 5.657, 46.534
	 44, 5.657, 46.534
	 34, 5.657, 46.534
	 24, 5.657, 46.534
	 14, 5.657, 46.534
	 4, 5.657, 46.534

94, 5.657, 46.534

94, 5.657, 46.534

89, 13.601, 46.188

99, 1.696, 227.537

84, 22.199, 45.861

100, 2.080,
199.592

79, 31.496, 45.643

74, 41.511, 45.567

70, 52.205, 45.652

66, 63.426, 45.884

62, 74.788, 46.165

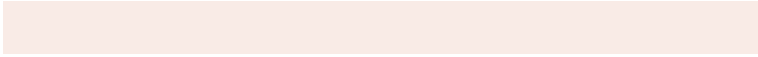
59, 85.400, 46.203

57, 93.601, 45.423

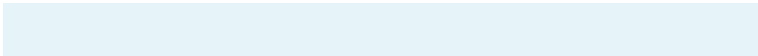
Harmonies

Complementary

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



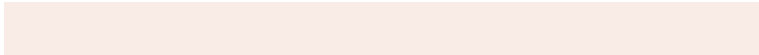
94, 5.657, 46.534



95, 5.416, 227.599

Rectangle

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



94, 5.657, 46.534



94, 5.657, 96.534



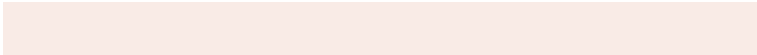
94, 5.657, 226.534



94, 5.657, 276.534

Sweetspot

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



94, 5.656, 46.562



99, 1.476, 46.522



93, 10.001, 332.800



53, 0.839, 46.505



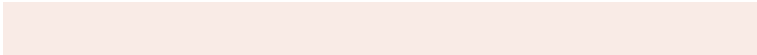
0, 0.000, 0.000



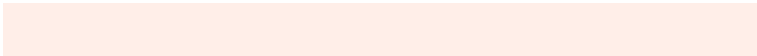
53, 0.007, 296.813

Same Dimension

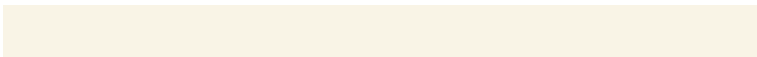
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.656, 46.562



95, 6.839, 46.514



96, 7.455, 96.300



49, 4.258, 46.496



43, 76.885, 45.744



12, 27.819, 40.620

Inverse Universe

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



95, 5.416, 227.599



97, 6.492, 227.673



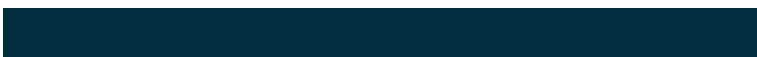
93, 7.509, 278.202



50, 4.029, 227.701



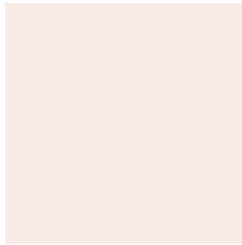
54, 37.083, 249.066



17, 16.190, 242.160

Previews

White Background



This preview shows how the CIELCh color 94, 5.657, 46.534 looks on a white background.

Color Contrast Check

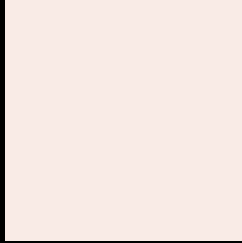
Large Text (above 18pt) WCAG AA × Fail

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, 5.657, 46.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

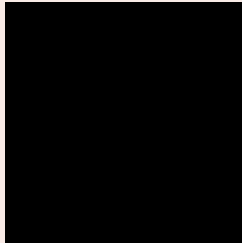
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

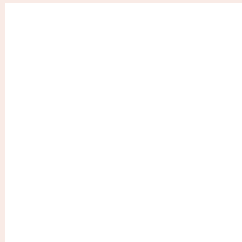
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.657, 46.534

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.657, 46.534.

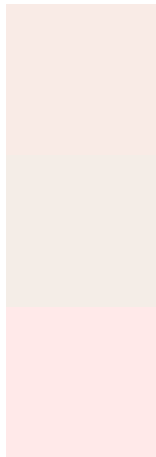


This preview shows how white text looks on a background with the CIELCh color 94, 5.657, 46.534.

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, 5.657, 46.534

Protanopia

94, 3.954, 70.404

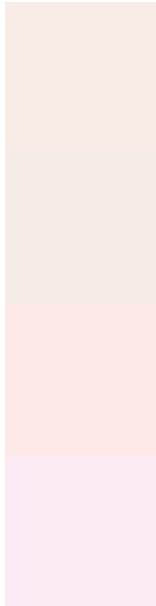
Deuteranopia

94, 7.945, 19.873



Tritanopia
94, 11.681, 327.705

Trichromacy



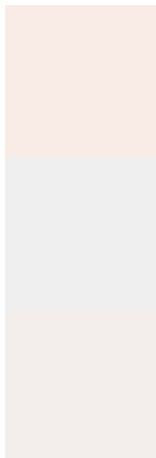
Original Color
94, 5.657, 46.534

Protanomaly
94, 4.401, 55.083

Deuteranomaly
94, 6.934, 28.265

Tritanomaly
94, 8.234, 341.287

Monochromacy



Original Color
94, 5.657, 46.534

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.042, 49.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.657, 46.534 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.657, 46.534 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, 230) }
```

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

```
.border{ border-color:rgb(249, 235, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.657, 46.534 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, 230) }
```

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

```
.background{ background-color: rgb(249,  
235, 230) }
```

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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