

Converting Colors

CIELCh(94, 5.714, 359.602)

Have a look what the booklet for
CIELCh(94, 5.714, 359.602) contains.

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Color

CIELCh(94, 5.751, 358.779)

Conversions

Conversions Part 1

Format	Color
Hex	F9EAEE
RGB	249, 234, 238
RGB Percent	98%, 92%, 93%
CMY	0.0230, 0.0818, 0.0661
CMYK	0.00, 0.06, 0.04, 0.02
HSL	344°, 56%, 95%
HSV	344°, 6%, 98%
XYZ	84.0325, 85.2715, 93.0263
YIQ	238.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

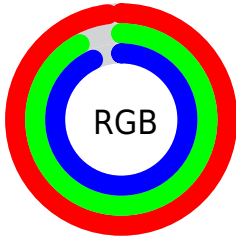
Format	Color
R_{YB}	249, 234, 238
Decimal	16378606
CIE Lab	94.00, 5.75, -0.12
CIE LCh	94, 5.751, 358.779
Yxy	85.2715, 0.3203, 0.3251
Android (android.graphics.Color)	4294568686 (0xFFF9EAE)
YUV	238.9410, -0.4639, 8.8217
Hunter-Lab	92.3426, 0.8368, 4.9108

Details

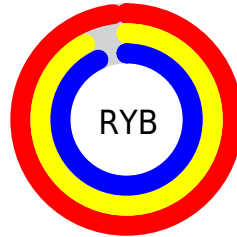
The CIELCh color **94, 5.751, 358.779** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.632, 177.876**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.055, 358.962** is the 20% darker color. If you saturate the color by 10%, you get **88, 15.641, 359.910**, and if you desaturate by 10%, it is **100, 2.032, 199.602**.

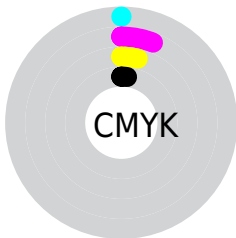
Distribution



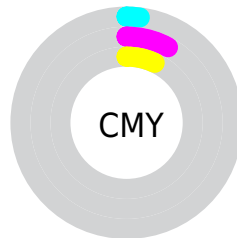
- Red (98%)
- Green (92%)
- Blue (93%)



- Red (98%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.751, 358.779 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, 5.751, 358.779 by changing the saturation by 10% instead.

 94, 5.751, 358.779

 94, 5.751, 358.779

 100, 5.751,
358.779

 84, 5.751, 358.779

 74, 5.751, 358.779

 64, 5.751, 358.779


 54, 5.751, 358.779

 44, 5.751, 358.779

 34, 5.751, 358.779

 24, 5.751, 358.779

 14, 5.751, 358.779

 4, 5.751, 358.779

94, 5.751, 358.779

94, 5.751, 358.779

88, 15.641,
359.910

100, 2.032,
199.602

81, 25.911, 1.160

75, 36.420, 2.643

70, 46.929, 4.448

64, 57.083, 6.693

60, 66.432, 9.531

57, 74.533, 13.134

54, 81.138, 17.640

53, 86.386, 23.019

Harmonies

Complementary

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



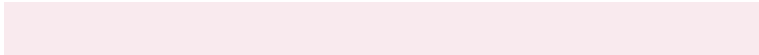
94, 5.751, 358.779



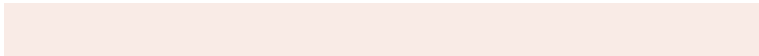
97, 5.632, 177.876

Rectangle

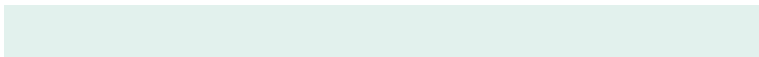
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



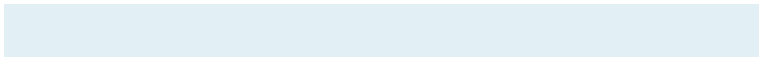
94, 5.751, 358.779



94, 5.751, 48.779



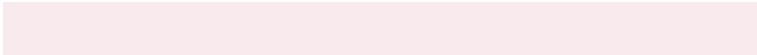
94, 5.751, 178.779



94, 5.751, 228.779

Sweetspot

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



94, 5.749, 358.793



99, 1.931, 358.208



94, 8.677, 317.009



53, 1.098, 358.183



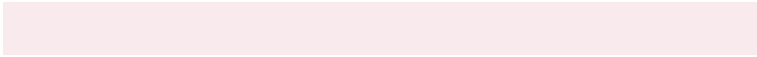
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

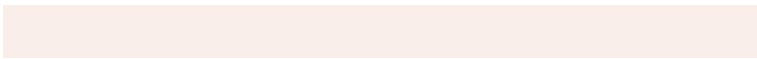
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.749, 358.793



95, 6.827, 358.905



95, 4.485, 43.053



49, 4.369, 358.971



40, 71.195, 24.167



9, 30.691, 14.163

Inverse Universe

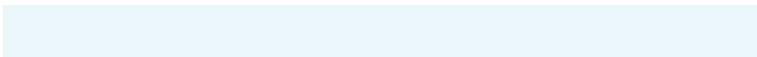
The Inverse Universe completely reimagines the original color for something new.



94, 5.749, 358.793



95, 6.827, 358.905



96, 4.331, 223.807



49, 4.369, 358.971



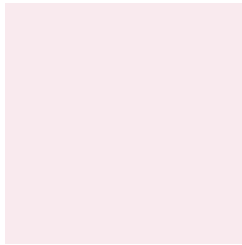
40, 71.195, 24.167



9, 30.691, 14.163

Previews

White Background



This preview shows how the CIELCh color 94, 5.751, 358.779 looks on a white background.

Color Contrast Check

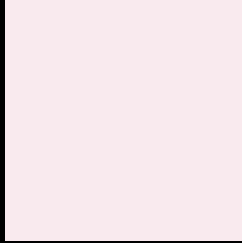
Large Text (above 18pt) WCAG AA × Fail

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, 5.751, 358.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

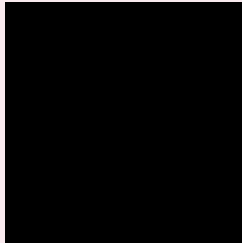
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

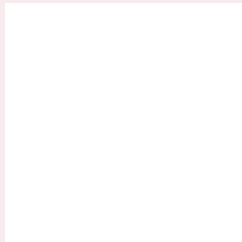
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.751, 358.779

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.751, 358.779.

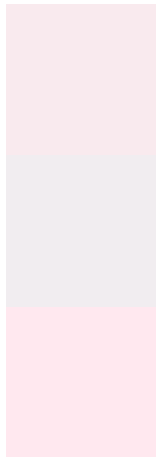


This preview shows how white text looks on a background with the CIELCh color 94, 5.751, 358.779.

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, 5.751, 358.779

Protanopia

94, 2.114, 332.271

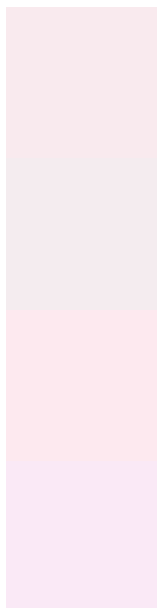
Deuteranopia

94, 8.999, 356.460



Tritanopia
94, 11.473, 326.283

Trichromacy



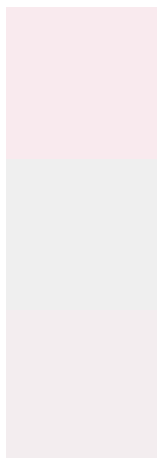
Original Color
94, 5.751, 358.779

Protanomaly
94, 3.250, 351.112

Deuteranomaly
94, 7.802, 356.640

Tritanomaly
94, 9.030, 332.189

Monochromacy



Original Color
94, 5.751, 358.779

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.378, 353.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.751, 358.779 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, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 238)  
}
```

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, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.751, 358.779 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, 234, 238) }
```

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

```
.border{ border-color:rgb(249, 234, 238) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.751, 358.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 238) }
```

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

```
.background{ background-color: rgb(249,  
234, 238) }
```

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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