

Converting Colors

CIELCh(94, 5.671, 330.729)

Have a look what the booklet for
CIELCh(94, 5.671, 330.729) contains.

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Color

CIELCh(94, 5.459, 330.716)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBF3
RGB	245, 235, 243
RGB Percent	96%, 92%, 95%
CMY	0.0393, 0.0785, 0.0472
CMYK	0.00, 0.04, 0.01, 0.04
HSL	312°, 33%, 94%
HSV	312°, 4%, 96%
XYZ	83.5143, 85.2715, 96.8233
YIQ	238.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

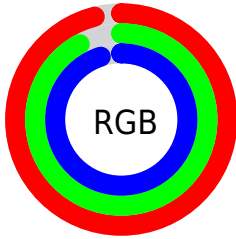
Format	Color
R _Y B	245, 235, 243
Decimal	16116723
CIE Lab	94.00, 4.76, -2.67
CIE LCh	94, 5.459, 330.716
Yxy	85.2715, 0.3144, 0.3210
Android (android.graphics.Color)	4294306803 (0xFF5EBF3)
YUV	238.9020, 2.0203, 5.3479
Hunter-Lab	92.3426, -0.1647, 2.4729

Details

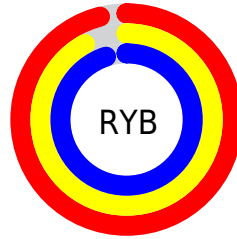
The CIELCh color $94, 5.459, 330.716$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 5.434, 150.340$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 5.735, 330.801$ is the 20% darker color. If you saturate the color by 10%, you get $88, 18.948, 331.401$, and if you desaturate by 10%, it is $99, 5.073, 153.664$.

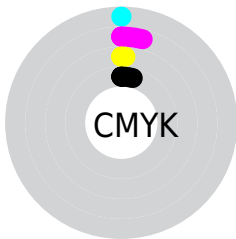
Distribution



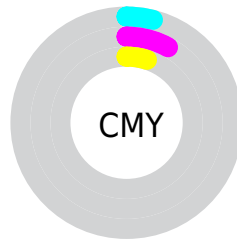
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.459, 330.716 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, 5.459, 330.716 by changing the saturation by 10% instead.

94, 5.459, 330.716

94, 5.459, 330.716

100, 5.459,
330.716

84, 5.459, 330.716

74, 5.459, 330.716

64, 5.459, 330.716

54, 5.459, 330.716

44, 5.459, 330.716

34, 5.459, 330.716

24, 5.459, 330.716

14, 5.459, 330.716

4, 5.459, 330.716

94, 5.459, 330.716

94, 5.459, 330.716

88, 18.948,
331.401

99, 5.073, 153.664

82, 32.500,
332.070

99, 3.676, 181.367

76, 45.859,
332.757

99, 3.469, 199.376

71, 58.654,
333.465

67, 70.392,
334.199

63, 80.476,
334.967

60, 88.290,
335.787

57, 93.351,
336.689

■ 56, 95.506,
337.712

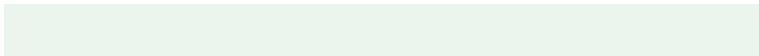
Harmonies

Complementary

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



94, 5.459, 330.716



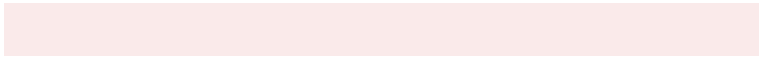
96, 5.434, 150.340

Rectangle

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



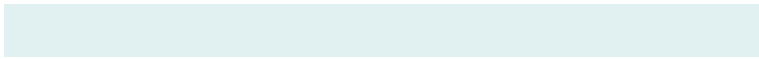
94, 5.459, 330.716



94, 5.459, 20.716



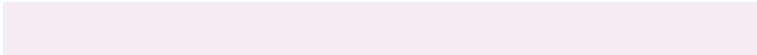
94, 5.459, 150.716



94, 5.459, 200.716

Sweetspot

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



94, 5.456, 330.719



99, 1.385, 330.326



93, 5.219, 298.273



53, 0.788, 330.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

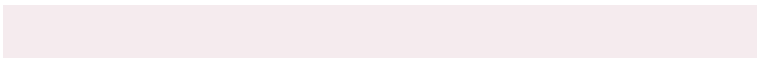
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.456, 330.719



97, 6.911, 330.789



94, 3.893, 356.196



49, 4.562, 330.838



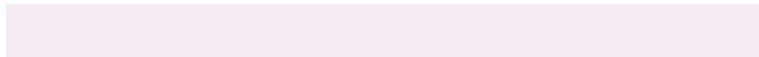
42, 78.109, 338.167



10, 35.425, 336.598

Inverse Universe

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



94, 5.456, 330.719



97, 6.911, 330.789



96, 3.839, 175.731



49, 4.562, 330.838



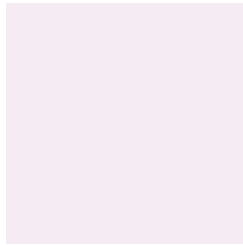
42, 78.109, 338.167



10, 35.425, 336.598

Previews

White Background



This preview shows how the CIELCh color 94, 5.459, 330.716 looks on a white background.

Color Contrast Check

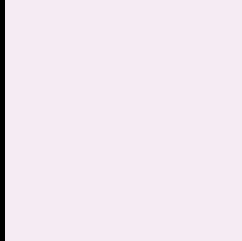
Large Text (above 18pt) WCAG AA × Fail

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, 5.459, 330.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

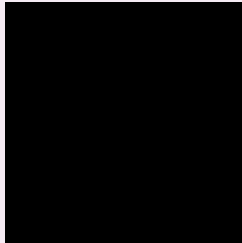
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

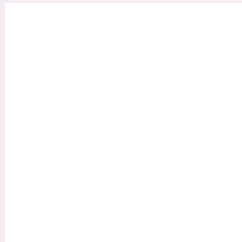
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.459, 330.716

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.459, 330.716.

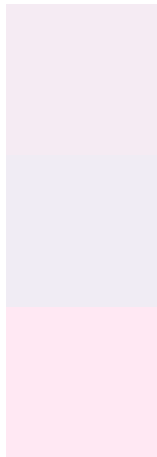


This preview shows how white text looks on a background with the CIELCh color 94, 5.459, 330.716.

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, 5.459, 330.716

Protanopia

94, 4.379, 309.181

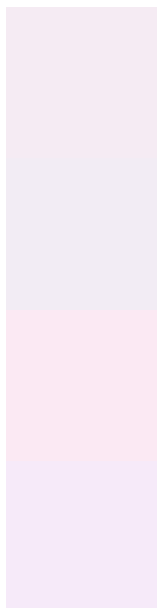
Deuteranopia

94, 9.975, 345.565



Tritanopia
94, 10.223, 314.947

Trichromacy



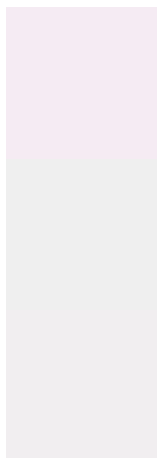
Original Color
94, 5.459, 330.716

Protanomaly
94, 4.658, 317.386

Deuteranomaly
94, 8.234, 341.287

Tritanomaly
94, 8.842, 319.051

Monochromacy



Original Color
94, 5.459, 330.716

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.494, 335.484

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.459, 330.716 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, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 243)  
}
```

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, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.459, 330.716 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, 235, 243) }
```

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

```
.border{ border-color:rgb(245, 235, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 235, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 235, 243); box-shadow:4px 4px 4px 4px rgb(245, 235, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.459, 330.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 243) }
```

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

```
.background{ background-color: rgb(245,  
235, 243) }
```

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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