

Converting Colors

CIELCh(94, 5.221, 322.765)

Have a look what the booklet for
CIELCh(94, 5.221, 322.765) contains.

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Color

CIELCh(94, 5.459, 321.529)

Conversions

Conversions Part 1

Format	Color
Hex	F3EBF4
RGB	243, 235, 244
RGB Percent	95%, 92%, 96%
CMY	0.0457, 0.0771, 0.0418
CMYK	0.00, 0.04, 0.00, 0.04
HSL	293°, 30%, 94%
HSV	293°, 4%, 96%
XYZ	83.2596, 85.2715, 97.9238
YIQ	238.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

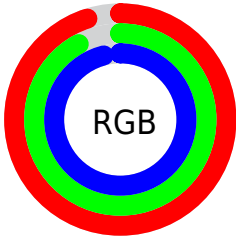
Format	Color
R _{YB}	243, 235, 244
Decimal	15985652
CIE Lab	94.00, 4.27, -3.40
CIE LCh	94, 5.459, 321.529
Yxy	85.2715, 0.3125, 0.3200
Android (android.graphics.Color)	4294175732 (0xFFFF3EBF4)
YUV	238.4180, 2.7519, 4.0184
Hunter-Lab	92.3426, -0.6571, 1.7663

Details

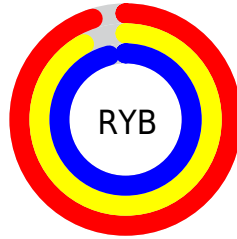
The CIELCh color `94, 5.459, 321.529` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.432, 141.268`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 5.736, 321.589` is the 20% darker color. If you saturate the color by 10%, you get `88, 20.412, 322.048`, and if you desaturate by 10%, it is `99, 6.292, 139.816`.

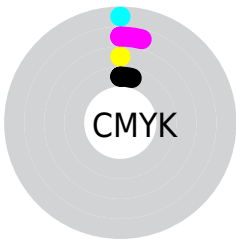
Distribution



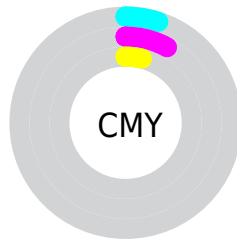
- Red (95%)
- Green (92%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.459, 321.529 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, 321.529 by changing the saturation by 10% instead.

 94, 5.459, 321.529

 94, 5.459, 321.529

 100, 5.459,
321.529

 84, 5.459, 321.529

 74, 5.459, 321.529

 64, 5.459, 321.529

 54, 5.459, 321.529

 44, 5.459, 321.529

 34, 5.459, 321.529

 24, 5.459, 321.529

 14, 5.459, 321.529

 4, 5.459, 321.529

94, 5.459, 321.529

94, 5.459, 321.529

88, 20.412,
322.048

99, 6.292, 139.816

82, 35.484,
322.538

99, 5.858, 131.822

76, 50.438,
323.007

99, 5.555, 122.709

100, 5.408,
112.780

71, 64.924,
323.438

100, 5.397,
109.760

66, 78.465,
323.806

62, 90.468,
324.081

58, 100.284,
324.230

56, 107.359,
324.224

■ 54, 111.436,
324.047

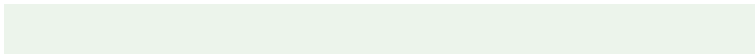
Harmonies

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, 321.529



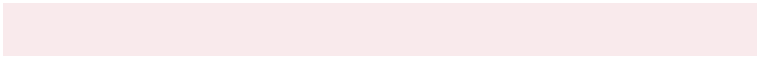
96, 5.432, 141.268

Rectangle

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



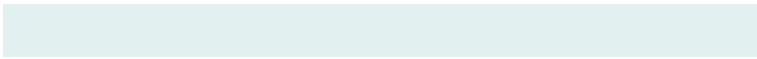
94, 5.459, 321.529



94, 5.459, 11.529



94, 5.459, 141.529



94, 5.459, 191.529

Sweetspot

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



94, 5.456, 321.528



99, 1.537, 321.268



94, 4.114, 285.412



53, 0.874, 321.256



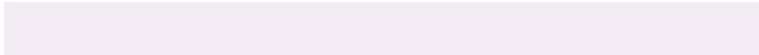
0, 0.000, 0.000



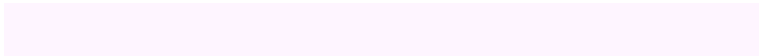
53, 0.007, 296.813

Same Dimension

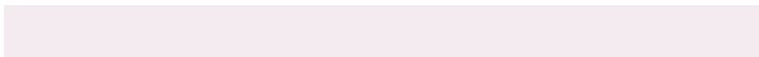
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.456, 321.528



97, 6.136, 321.547



94, 4.307, 338.036



50, 4.219, 321.590



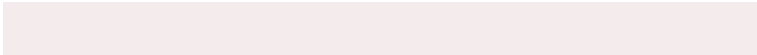
41, 91.944, 323.934



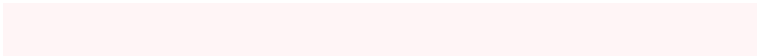
9, 40.820, 324.488

Inverse Universe

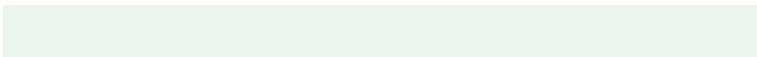
The Inverse Universe completely reimagines the original color for something new.



94, 3.255, 10.358



97, 3.663, 10.401



96, 4.280, 157.691



50, 2.524, 10.491



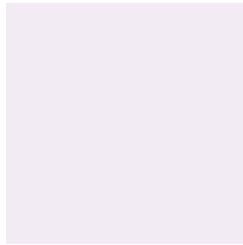
39, 77.776, 35.282



8, 30.382, 20.502

Previews

White Background



This preview shows how the CIELCh color 94, 5.459, 321.529 looks on a white background.

Color Contrast Check

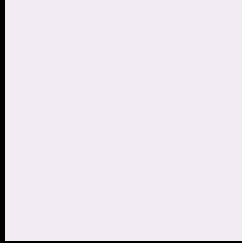
Large Text (above 18pt) WCAG AA × Fail

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, 321.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

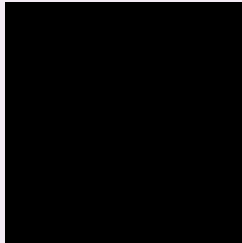
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

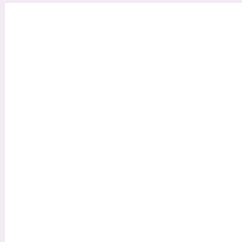
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.459, 321.529

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.459, 321.529.

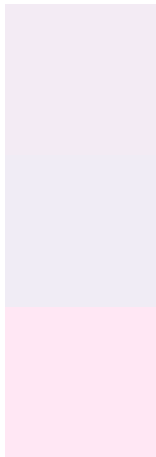


This preview shows how white text looks on a background with the CIELCh color 94, 5.459, 321.529.

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, 321.529

Protanopia

94, 4.869, 307.252

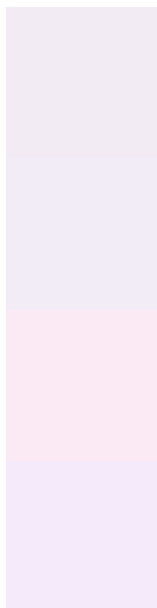
Deuteranopia

94, 10.867, 342.193



Tritanopia
94, 10.084, 313.134

Trichromacy



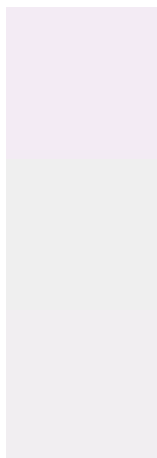
Original Color
94, 5.459, 321.529

Protanomaly
94, 4.984, 311.109

Deuteranomaly
94, 8.562, 338.603

Tritanomaly
94, 8.528, 314.896

Monochromacy



Original Color
94, 5.459, 321.529

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.891, 324.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.459, 321.529 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(243, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 244)  
}
```

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(243, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.459, 321.529 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(243, 235, 244) }
```

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

```
.border{ border-color:rgb(243, 235, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 235, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 235,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.459, 321.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 244) }
```

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

```
.background{ background-color: rgb(243,  
235, 244) }
```

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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