

Converting Colors

CIELCh(94, 8.057, 316.393)

Have a look what the booklet for
CIELCh(94, 8.057, 316.393) contains.

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Color

CIELCh(94, 8.057, 316.393)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBF9
RGB	245, 235, 249
RGB Percent	96%, 92%, 98%
CMY	0.0411, 0.0803, 0.0255
CMYK	0.02, 0.06, 0.00, 0.03
HSL	283°, 52%, 95%
HSV	283°, 6%, 97%
XYZ	84.0767, 85.2715, 101.2490
YIQ	239.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

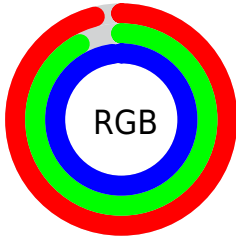
Format	Color
R _Y B	245, 235, 249
Decimal	16116729
CIE Lab	94.00, 5.83, -5.56
CIE LCh	94, 8.057, 316.393
Yxy	85.2715, 0.3107, 0.3151
Android (android.graphics.Color)	4294306809 (0xFFFF5EBF9)
YUV	239.5860, 4.6411, 4.7481
Hunter-Lab	92.3426, 0.9224, -0.3687

Details

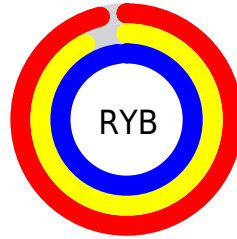
The CIELCh color $94, 8.057, 316.393$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 8.004, 135.968$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 8.464, 316.464$ is the 20% darker color. If you saturate the color by 10%, you get $87, 22.583, 316.840$, and if you desaturate by 10%, it is $100, 3.505, 129.758$.

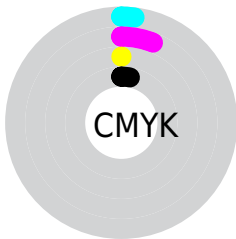
Distribution



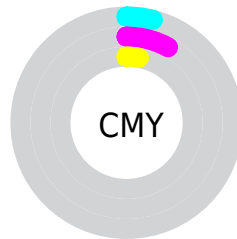
- Red (96%)
- Green (92%)
- Blue (98%)



- Red (96%)
- Yellow (92%)
- Blue (98%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (8%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.057, 316.393 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, 8.057, 316.393 by changing the saturation by 10% instead.

 94, 8.057, 316.393

 94, 8.057, 316.393

 100, 8.057,
316.393

 84, 8.057, 316.393

 74, 8.057, 316.393

 64, 8.057, 316.393

 54, 8.057, 316.393

 44, 8.057, 316.393

 34, 8.057, 316.393

 24, 8.057, 316.393

 14, 8.057, 316.393

 4, 8.057, 316.393

94, 8.057, 316.393

94, 8.057, 316.393

87, 22.583,
316.840

100, 3.505,
129.758

81, 37.329,
317.285

100, 3.280,
109.909

75, 52.111,
317.719

69, 66.643,
318.118

63, 80.494,
318.445

58, 93.065,
318.652

54, 103.615,
318.677

50, 111.404,
318.457

■ 48,115.971,
317.939

Harmonies

Complementary

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



94, 8.057, 316.393



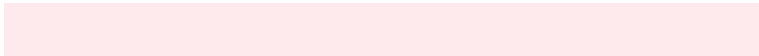
97, 8.004, 135.968

Rectangle

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



94, 8.057, 316.393



94, 8.057, 6.393



94, 8.057, 136.393



94, 8.057, 186.393

Sweetspot

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



94, 8.054, 316.391



99, 2.916, 316.189



94, 5.225, 274.454



53, 1.658, 316.181



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, 8.054, 316.391



95, 10.239, 316.455



94, 7.625, 330.831



49, 6.548, 316.481



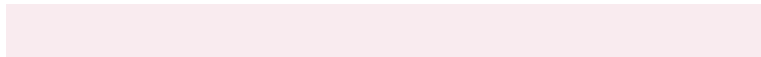
36, 95.250, 317.803



8, 42.821, 318.983

Inverse Universe

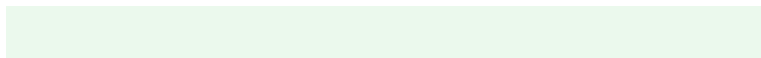
The Inverse Universe completely reimagines the original color for something new.



94, 5.412, 357.375



95, 6.891, 357.531



96, 7.598, 150.217



49, 4.409, 357.596



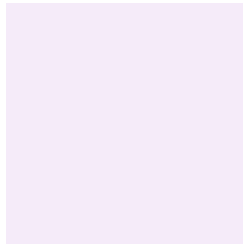
40, 70.456, 22.475



9, 30.619, 12.958

Previews

White Background



This preview shows how the CIELCh color 94, 8.057, 316.393 looks on a white background.

Color Contrast Check

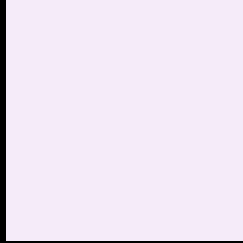
Large Text (above 18pt) WCAG AA × Fail

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, 8.057, 316.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

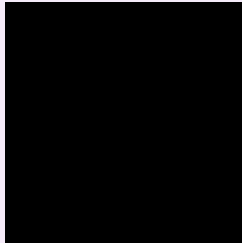
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

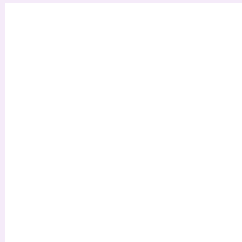
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.057, 316.393

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.057, 316.393.



This preview shows how white text looks on a background with the CIELCh color 94, 8.057, 316.393.

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, 8.057, 316.393

Protanopia

94, 7.263, 296.217

Deuteranopia

94, 12.592, 332.927



Tritanopia
94, 10.084, 313.134

Trichromacy



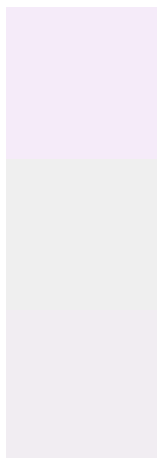
Original Color
94, 8.057, 316.393

Protanomaly
94, 7.453, 304.219

Deuteranomaly
94, 11.063, 327.843

Tritanomaly
94, 9.611, 314.295

Monochromacy



Original Color
94, 8.057, 316.393

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.958, 318.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.057, 316.393 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.057, 316.393 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, 249) }
```

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

```
.border{ border-color:rgb(245, 235, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.057, 316.393 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, 249) }
```

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

```
.background{ background-color: rgb(245,  
235, 249) }
```

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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