

Converting Colors

CIE LCh(94, 6.117, 330.176)

Have a look what the booklet for
CIELCh(94, 6.117, 330.176) contains.

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Color

CIELCh(94, 6.080, 330.117)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBF4
RGB	246, 235, 244
RGB Percent	96%, 92%, 96%
CMY	0.0366, 0.0797, 0.0444
CMYK	0.00, 0.04, 0.01, 0.04
HSL	311°, 37%, 94%
HSV	311°, 4%, 96%
XYZ	83.7816, 85.2715, 97.3666
YIQ	239.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

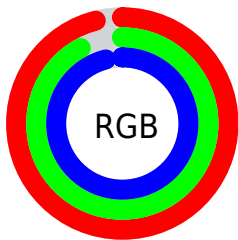
Format	Color
R_{YB}	246, 235, 244
Decimal	16182260
CIE Lab	94.00, 5.27, -3.03
CIE LCh	94, 6.080, 330.117
Yxy	85.2715, 0.3145, 0.3201
Android (android.graphics.Color)	4294372340 (0xFFFF6EBF4)
YUV	239.3150, 2.3097, 5.8627
Hunter-Lab	92.3426, 0.3519, 2.1241

Details

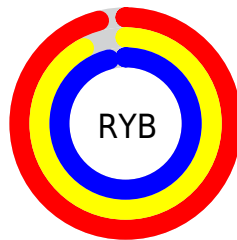
The CIELCh color `94, 6.080, 330.117` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 6.054, 149.682`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 6.387, 330.205` is the 20% darker color. If you saturate the color by 10%, you get `88, 19.780, 330.786`, and if you desaturate by 10%, it is `99, 4.802, 152.730`.

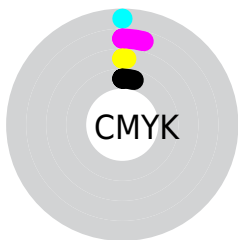
Distribution



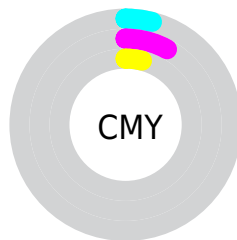
- Red (96%)
- Green (92%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.080, 330.117 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, 6.080, 330.117 by changing the saturation by 10% instead.

 94, 6.080, 330.117

 94, 6.080, 330.117

 100, 6.080,
330.117

 84, 6.080, 330.117


 74, 6.080, 330.117

 64, 6.080, 330.117


 54, 6.080, 330.117

 44, 6.080, 330.117

 34, 6.080, 330.117

 24, 6.080, 330.117

 14, 6.080, 330.117

 4, 6.080, 330.117

94, 6.080, 330.117

94, 6.080, 330.117

88, 19.780,
330.786

99, 4.802, 152.730

82, 33.531,
331.441

99, 3.476, 178.869

99, 3.228, 199.406

77, 47.068,
332.109

71, 60.011,
332.794

67, 71.857,
333.494

63, 82.004,
334.218

60, 89.839,
334.978

58, 94.891,
335.799

■ 56, 97.029,
336.715

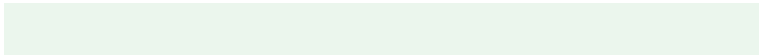
Harmonies

Complementary

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



94, 6.080, 330.117



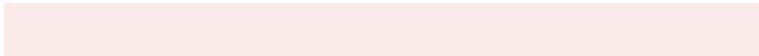
96, 6.054, 149.682

Rectangle

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



94, 6.080, 330.117



94, 6.080, 20.117



94, 6.080, 150.117



94, 6.080, 200.117

Sweetspot

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



94, 6.077, 330.119



99, 1.403, 329.705



93, 5.722, 297.035



53, 0.798, 329.689



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

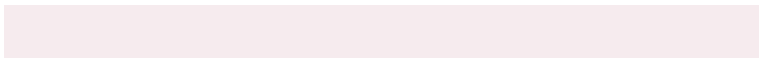
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.077, 330.119



97, 7.001, 330.158



94, 4.361, 353.980



49, 4.621, 330.207



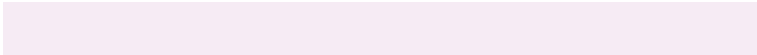
42, 79.181, 337.078



10, 35.854, 335.702

Inverse Universe

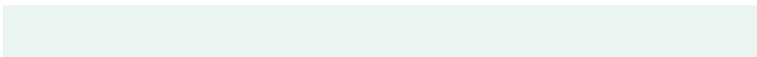
The Inverse Universe completely reimagines the original color for something new.



94, 6.077, 330.119



97, 7.001, 330.158



96, 4.302, 173.411



49, 4.621, 330.207



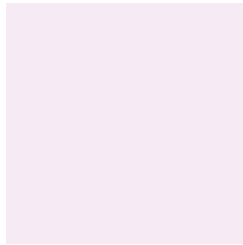
42, 79.181, 337.078



10, 35.854, 335.702

Previews

White Background



This preview shows how the CIELCh color 94, 6.080, 330.117 looks on a white background.

Color Contrast Check

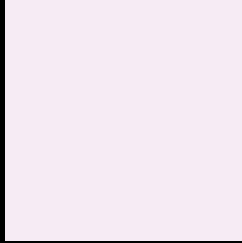
Large Text (above 18pt) WCAG AA × Fail

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, 6.080, 330.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

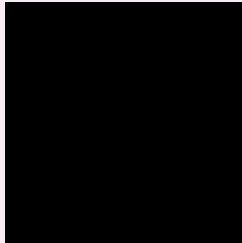
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

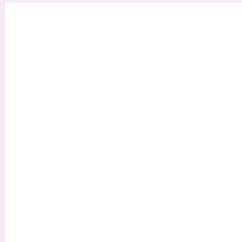
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.080, 330.117

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.080, 330.117.

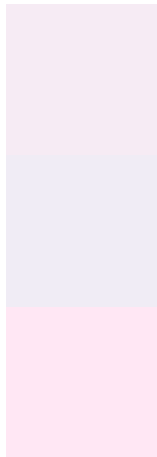


This preview shows how white text looks on a background with the CIELCh color 94, 6.080, 330.117.

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, 6.080, 330.117

Protanopia

94, 4.869, 307.252

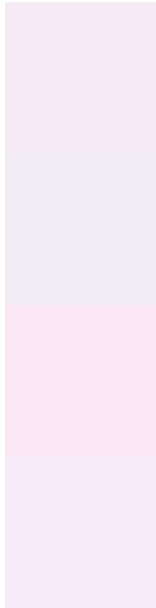
Deuteranopia

94, 10.867, 342.193



Tritanopia
94, 10.996, 317.189

Trichromacy



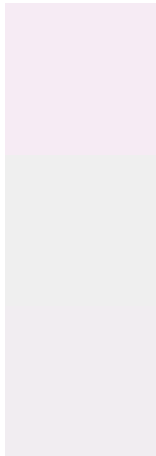
Original Color
94, 6.080, 330.117

Protanomaly
94, 5.122, 314.782

Deuteranomaly
94, 9.439, 339.188

Tritanomaly
94, 9.016, 321.020

Monochromacy



Original Color
94, 6.080, 330.117

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.518, 324.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.080, 330.117 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(246, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.080, 330.117 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(246, 235, 244) }
```

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

```
.border{ border-color:rgb(246, 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(246, 235, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.080, 330.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 244) }
```

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

```
.background{ background-color: rgb(246,  
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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