

Converting Colors

CIELCh(94, 4.774, 31.983)

Have a look what the booklet for
CIELCh(94, 4.774, 31.983) contains.

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Color

CIELCh(94, 4.774, 31.983)

Conversions

Conversions Part 1

Format	Color
Hex	F8EBE9
RGB	248, 235, 233
RGB Percent	97%, 92%, 91%
CMY	0.0274, 0.0783, 0.0862
CMYK	0.00, 0.05, 0.06, 0.03
HSL	8°, 52%, 94%
HSV	8°, 6%, 97%
XYZ	83.1424, 85.2715, 89.1818
YIQ	238.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

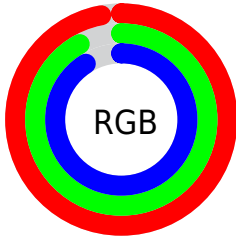
Format	Color
R _Y B	248, 235, 233
Decimal	16313321
CIE Lab	94.00, 4.05, 2.53
CIE LCh	94, 4.774, 31.983
Yxy	85.2715, 0.3228, 0.3310
Android (android.graphics.Color)	4294503401 (0xFF8EBE9)
YUV	238.6590, -2.7899, 8.1921
Hunter-Lab	92.3426, -0.8837, 7.3792

Details

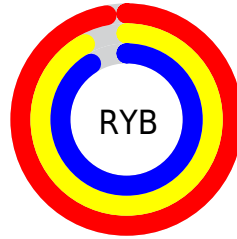
The CIELCh color **94, 4.774, 31.983** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.593, 212.201**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 5.044, 32.036** is the 20% darker color. If you saturate the color by 10%, you get **88, 13.207, 32.294**, and if you desaturate by 10%, it is **99, 2.419, 199.526**.

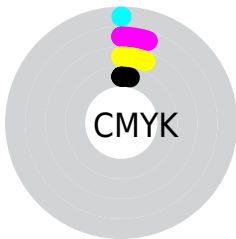
Distribution



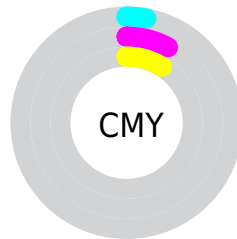
- Red (97%)
- Green (92%)
- Blue (91%)



- Red (97%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.774, 31.983 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, 4.774, 31.983 by changing the saturation by 10% instead.

 94, 4.774, 31.983	 94, 4.774, 31.983
 100, 4.774, 31.983	 84, 4.774, 31.983
	 74, 4.774, 31.983
	 64, 4.774, 31.983
	 54, 4.774, 31.983
	 44, 4.774, 31.983
	 34, 4.774, 31.983
	 24, 4.774, 31.983
	 14, 4.774, 31.983
	 4, 4.774, 31.983

94, 4.774, 31.983

94, 4.774, 31.983

88, 13.207, 32.294

99, 2.419, 199.526

82, 22.361, 32.663

77, 32.266, 33.222

72, 42.912, 34.034

67, 54.216, 35.155

62, 65.988, 36.618

59, 77.838, 38.374

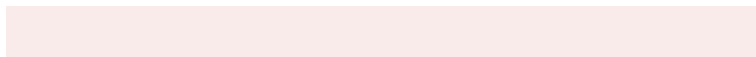
56, 88.934, 40.146

54, 97.480, 41.199

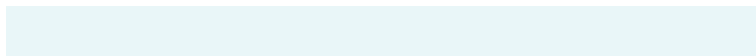
Harmonies

Complementary

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



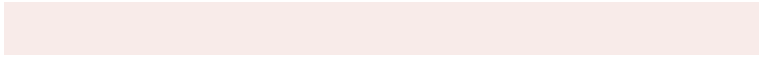
94, 4.774, 31.983



96, 4.593, 212.201

Rectangle

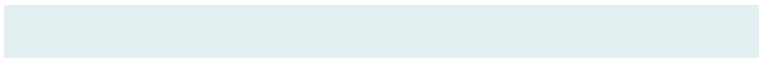
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



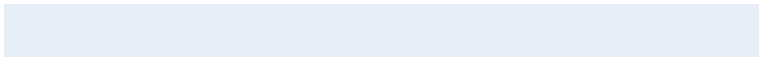
94, 4.774, 31.983



94, 4.774, 81.983



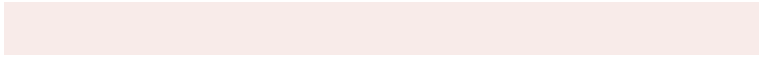
94, 4.774, 211.983



94, 4.774, 261.983

Sweetspot

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



94, 4.773, 32.013



99, 1.587, 31.686



94, 8.575, 328.625



53, 0.902, 31.663



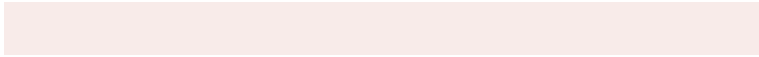
0, 0.000, 0.000



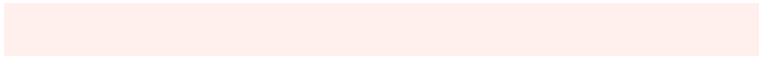
53, 0.007, 296.813

Same Dimension

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



94, 4.773, 32.013



96, 5.673, 32.045



96, 5.221, 87.547



50, 3.634, 32.063



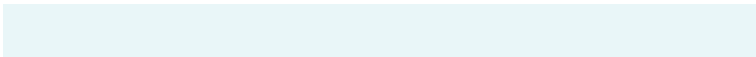
40, 81.110, 41.772



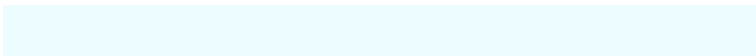
10, 29.711, 32.985

Inverse Universe

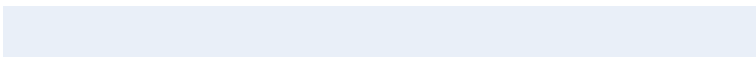
The Inverse Universe completely reimagines the original color for something new.



96, 4.593, 212.201



98, 5.424, 212.182



94, 5.220, 269.213



51, 3.461, 212.172



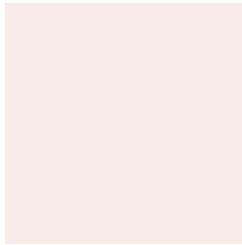
62, 34.911, 221.195



20, 15.922, 217.657

Previews

White Background



This preview shows how the CIELCh color 94, 4.774, 31.983 looks on a white background.

Color Contrast Check

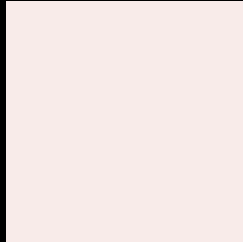
Large Text (above 18pt) WCAG AA × Fail

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, 4.774, 31.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

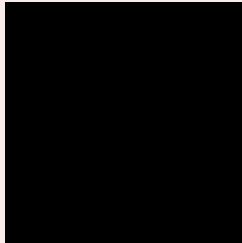
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

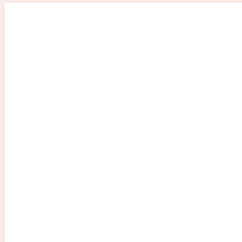
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.774, 31.983

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.774, 31.983.



This preview shows how white text looks on a background with the CIELCh color 94, 4.774, 31.983.

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](#).

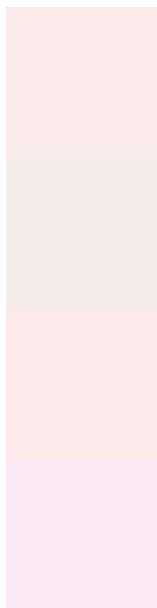
Dichromacy





Tritanopia
94, 11.891, 324.834

Trichromacy



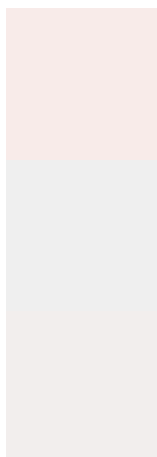
Original Color
94, 4.774, 31.983

Protanomaly
94, 3.370, 37.147

Deuteranomaly
94, 6.859, 15.504

Tritanomaly
94, 8.300, 336.948

Monochromacy



Original Color
94, 4.774, 31.983

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.503, 39.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.774, 31.983 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(248, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(248, 235, 233)  
}
```

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(248, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 235, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.774, 31.983 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(248, 235, 233) }
```

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

```
.border{ border-color:rgb(248, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 235, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 235, 233); box-shadow:4px 4px 4px 4px rgb(248, 235, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.774, 31.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 235, 233) }
```

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

```
.background{ background-color: rgb(248,  
235, 233) }
```

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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