

Converting Colors

CIELCh(94, 3.461, 90.565)

Have a look what the booklet for
CIELCh(94, 3.461, 90.565) contains.

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Color

CIELCh(94, 3.379, 84.798)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDE7
RGB	241, 237, 231
RGB Percent	95%, 93%, 91%
CMY	0.0538, 0.0694, 0.0930
CMYK	0.00, 0.02, 0.04, 0.05
HSL	36°, 27%, 93%
HSV	36°, 4%, 95%
XYZ	81.2052, 85.2715, 87.9912
YIQ	237.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

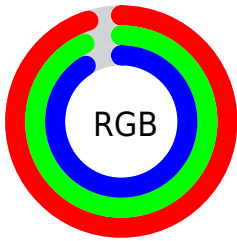
Format	Color
R _Y B	238, 241, 231
Decimal	15855079
CIE Lab	94.00, 0.31, 3.37
CIE LCh	94, 3.379, 84.798
Yxy	85.2715, 0.3191, 0.3351
Android (android.graphics.Color)	4294045159 (0xFFFF1EDE7)
YUV	237.5120, -3.2104, 3.0590
Hunter-Lab	92.3426, -4.6282, 8.1437

Details

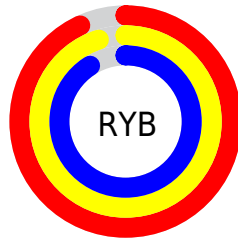
The CIELCh color **94, 3.379, 84.798** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 3.384, 266.090**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.559, 84.671** is the 20% darker color. If you saturate the color by 10%, you get **91, 11.733, 83.615**, and if you desaturate by 10%, it is **97, 4.535, 265.122**.

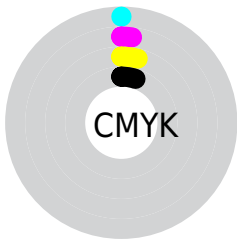
Distribution



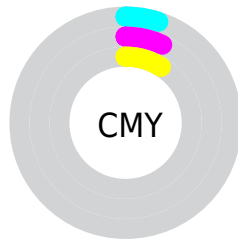
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (93%)
- Yellow (95%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.379, 84.798 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, 3.379, 84.798 by changing the saturation by 10% instead.

94, 3.379, 84.798

94, 3.379, 84.798

100, 3.379, 84.798

84, 3.379, 84.798

74, 3.379, 84.798

64, 3.379, 84.798

54, 3.379, 84.798

44, 3.379, 84.798

34, 3.379, 84.798

24, 3.379, 84.798

14, 3.379, 84.798

4, 3.379, 84.798

94, 3.379, 84.798

94, 3.379, 84.798

91, 11.733, 83.615

97, 4.535, 265.122

88, 20.342, 82.294

99, 4.724, 199.246

85, 29.201, 80.929

82, 38.275, 79.525

80, 47.463, 78.074

77, 56.555, 76.551

75, 65.133, 74.888

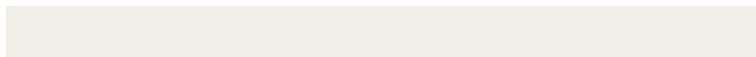
72, 72.467, 72.947

70, 77.547, 70.490

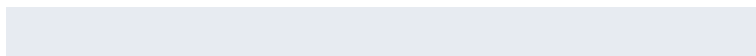
Harmonies

Complementary

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



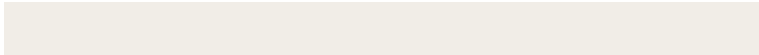
94, 3.379, 84.798



93, 3.384, 266.090

Rectangle

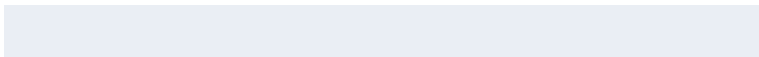
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



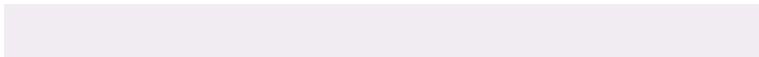
94, 3.379, 84.798



94, 3.379, 134.798



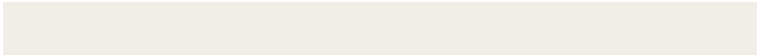
94, 3.379, 264.798



94, 3.379, 314.798

Sweetspot

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



94, 3.380, 84.837



100, 0.841, 84.920



93, 4.141, 349.661



53, 0.478, 84.904



0, 0.000, 0.000



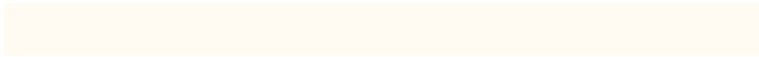
53, 0.007, 296.813

Same Dimension

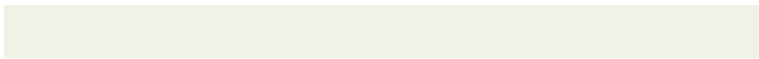
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 3.380, 84.837



98, 4.271, 84.744



95, 5.132, 113.767



49, 2.773, 84.668



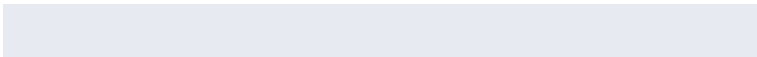
53, 64.694, 69.450



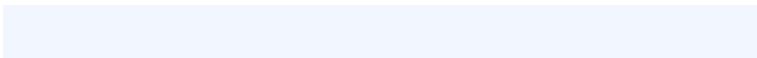
15, 23.841, 71.787

Inverse Universe

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



93, 3.384, 266.090



97, 4.268, 266.190



92, 5.198, 294.457



49, 2.767, 266.271



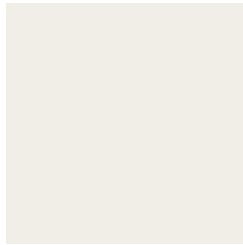
35, 68.301, 292.428



8, 25.471, 285.675

Previews

White Background



This preview shows how the CIELCh color 94, 3.379, 84.798 looks on a white background.

Color Contrast Check

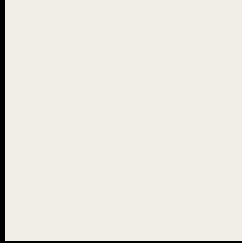
Large Text (above 18pt) WCAG AA × Fail

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, 3.379, 84.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

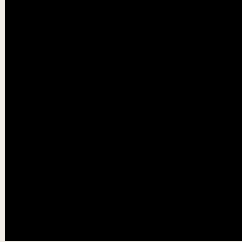
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

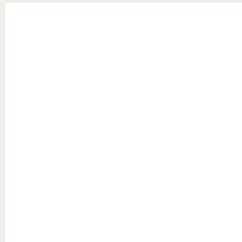
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.379, 84.798

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.379, 84.798.

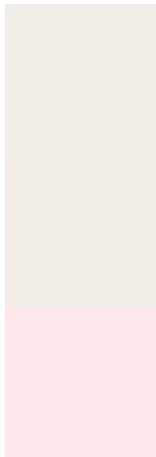


This preview shows how white text looks on a background with the CIELCh color 94, 3.379, 84.798.

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, 3.379, 84.798

Protanopia

94, 3.737, 74.704

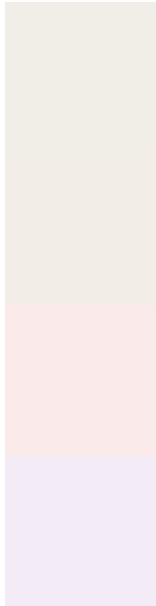
Deuteranopia

94, 8.360, 12.877



Tritanopia
94, 10.438, 310.297

Trichromacy



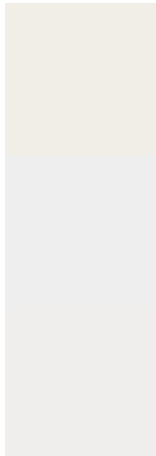
Original Color
94, 3.379, 84.798

Protanomaly
94, 3.544, 79.499

Deuteranomaly
94, 5.777, 24.776

Tritanomaly
94, 5.904, 318.951

Monochromacy



Original Color
94, 3.379, 84.798

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.073, 90.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.379, 84.798 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(241, 237, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 231)  
}
```

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(241, 237, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.379, 84.798 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(241, 237, 231) }
```

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

```
.border{ border-color:rgb(241, 237, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 237, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.379, 84.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 237, 231) }
```

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

```
.background{ background-color: rgb(241,  
237, 231) }
```

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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