

Converting Colors

CIELCh(94, 3.052, 61.563)

Have a look what the booklet for
CIELCh(94, 3.052, 61.563) contains.

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Color

CIELCh(94, 2.952, 63.302)

Conversions

Conversions Part 1

Format	Color
Hex	F3EDE9
RGB	243, 237, 233
RGB Percent	95%, 93%, 91%
CMY	0.0482, 0.0717, 0.0874
CMYK	0.00, 0.02, 0.04, 0.05
HSL	24°, 29%, 93%
HSV	24°, 4%, 95%
XYZ	81.7301, 85.2715, 89.0266
YIQ	238.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

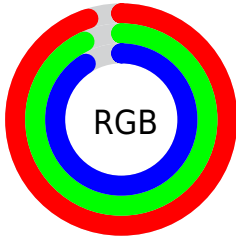
Format	Color
R _Y B	243, 240, 233
Decimal	15986153
CIE Lab	94.00, 1.33, 2.64
CIE LCh	94, 2.952, 63.302
Yxy	85.2715, 0.3192, 0.3331
Android (android.graphics.Color)	4294176233 (0xFFFF3EDE9)
YUV	238.3380, -2.6316, 4.0886
Hunter-Lab	92.3426, -3.6137, 7.4789

Details

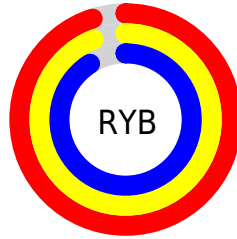
The CIELCh color `94, 2.952, 63.302` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 2.916, 244.560`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 3.113, 63.223` is the 20% darker color. If you saturate the color by 10%, you get `90, 10.451, 62.456`, and if you desaturate by 10%, it is `98, 3.488, 232.525`.

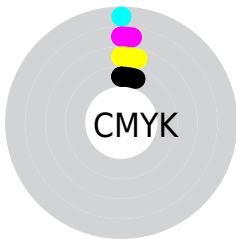
Distribution



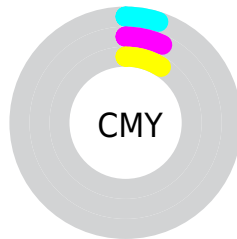
- Red (95%)
- Green (93%)
- Blue (91%)



- Red (95%)
- Yellow (94%)
- 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, 2.952, 63.302 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, 2.952, 63.302 by changing the saturation by 10% instead.

 94, 2.952, 63.302	 94, 2.952, 63.302
 100, 2.952, 63.302	 84, 2.952, 63.302
	 74, 2.952, 63.302
	 64, 2.952, 63.302
	 54, 2.952, 63.302
	 44, 2.952, 63.302
	 34, 2.952, 63.302
	 24, 2.952, 63.302
	 14, 2.952, 63.302
	 4, 2.952, 63.302

94, 2.952, 63.302

94, 2.952, 63.302

90, 10.451, 62.456

98, 3.488, 232.525

86, 18.436, 61.473

99, 4.239, 199.293

82, 26.947, 60.508

78, 36.006, 59.580

74, 45.589, 58.692

70, 55.585, 57.822

67, 65.699, 56.892

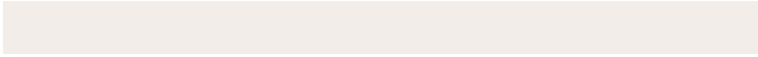
64, 75.275, 55.707

61, 83.095, 53.870

Harmonies

Complementary

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



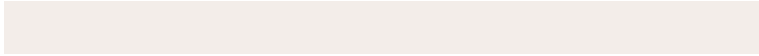
94, 2.952, 63.302



94, 2.916, 244.560

Rectangle

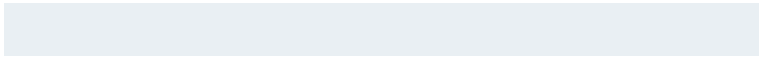
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



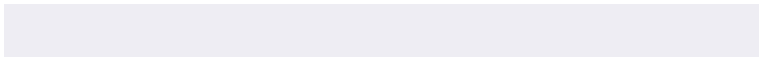
94, 2.952, 63.302



94, 2.952, 113.302



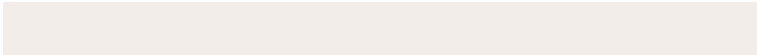
94, 2.952, 243.302



94, 2.952, 293.302

Sweetspot

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



94, 2.952, 63.353



100, 0.734, 63.121



93, 4.736, 338.850



53, 0.417, 63.088



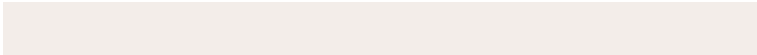
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 2.952, 63.353



98, 3.741, 63.293



95, 4.609, 105.350



50, 2.474, 63.240



46, 70.648, 53.145



13, 25.032, 51.514

Inverse Universe

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



94, 2.916, 244.560



98, 3.679, 244.629



93, 4.661, 286.271



50, 2.425, 244.689



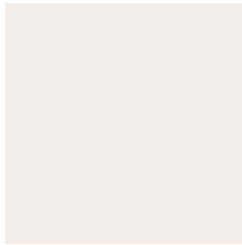
46, 46.571, 272.435



13, 18.670, 264.467

Previews

White Background



This preview shows how the CIELCh color 94, 2.952, 63.302 looks on a white background.

Color Contrast Check

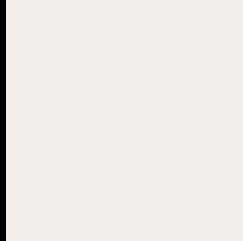
Large Text (above 18pt) WCAG AA × Fail

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, 2.952, 63.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

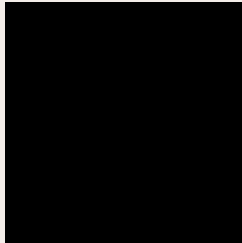
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

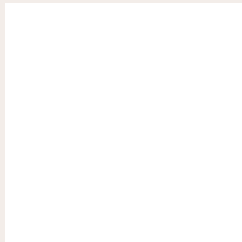
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.952, 63.302

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.952, 63.302.

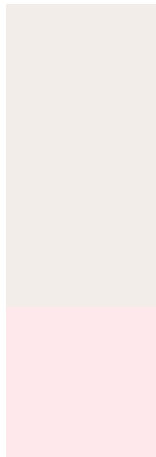


This preview shows how white text looks on a background with the CIELCh color 94, 2.952, 63.302.

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, 2.952, 63.302

Protanopia

94, 2.952, 63.302

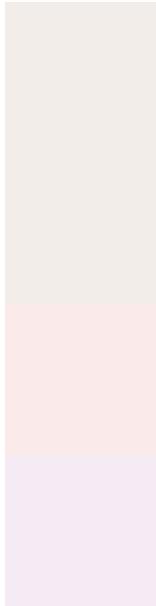
Deuteranopia

94, 8.429, 9.416



Tritanopia
94, 10.223, 314.947

Trichromacy



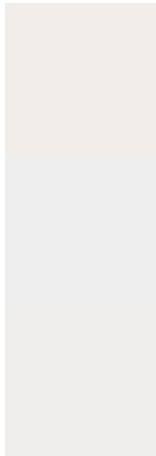
Original Color
94, 2.952, 63.302

Protanomaly
94, 2.952, 63.302

Deuteranomaly
94, 6.112, 19.722

Tritanomaly
94, 6.275, 324.619

Monochromacy



Original Color
94, 2.952, 63.302

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.234, 74.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.952, 63.302 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, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 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(243, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.952, 63.302 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, 237, 233) }
```

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

```
.border{ border-color:rgb(243, 237, 233) }
```

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

Here you see how a box with a 4 pixel rgb(243, 237, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.952, 63.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 233) }
```

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

```
.background{ background-color: rgb(243,  
237, 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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