

Converting Colors

CIELCh(94, 1.599, 303.072)

Have a look what the booklet for
CIELCh(94, 1.599, 303.072) contains.

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Color

CIELCh(94, 1.599, 303.072)

Conversions

Conversions Part 1

Format	Color
Hex	EEEDF0
RGB	238, 237, 240
RGB Percent	93%, 93%, 94%
CMY	0.0655, 0.0694, 0.0577
CMYK	0.01, 0.01, 0.00, 0.06
HSL	260°, 9%, 94%
HSV	260°, 1%, 94%
XYZ	81.4963, 85.2715, 94.8281
YIQ	237.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

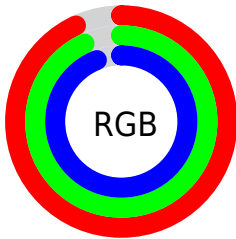
Format	Color
R _Y B	238, 237, 240
Decimal	15658480
CIE Lab	94.00, 0.87, -1.34
CIE LCh	94, 1.599, 303.072
Yxy	85.2715, 0.3115, 0.3260
Android (android.graphics.Color)	4293848560 (0xFFEEEDF0)
YUV	237.6410, 1.1630, 0.3148
Hunter-Lab	92.3426, -4.0656, 3.7540

Details

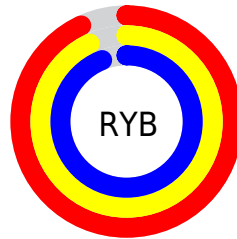
The CIELCh color **94, 1.599, 303.072** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 1.571, 122.992**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 1.679, 303.100** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.563, 303.655**, and if you desaturate by 10%, it is **100, 7.452, 111.443**.

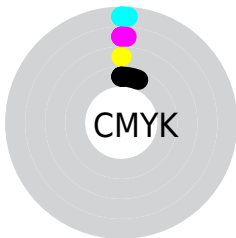
Distribution



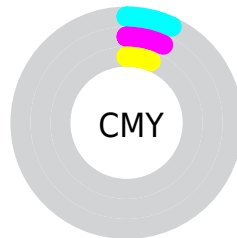
- Red (93%)
- Green (93%)
- Blue (94%)



- Red (93%)
- Yellow (93%)
- Blue (94%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (7%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.599, 303.072 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, 1.599, 303.072 by changing the saturation by 10% instead.

■ 94, 1.599, 303.072

■ 94, 1.599, 303.072

100, 1.599,
303.072

■ 84, 1.599, 303.072

■ 74, 1.599, 303.072

■ 64, 1.599, 303.072

■ 54, 1.599, 303.072

■ 44, 1.599, 303.072

■ 34, 1.599, 303.072

■ 24, 1.599, 303.072

■ 14, 1.599, 303.072

■ 4, 1.599, 303.072

94, 1.599, 303.072

94, 1.599, 303.072

87, 14.563,
303.655

100, 7.452,
111.443

80, 27.986,
304.312

100, 7.445,
109.610

72, 41.847,
305.044

65, 56.078,
305.844

58, 70.519,
306.689

52, 84.834,
307.527

46, 98.404,
308.270

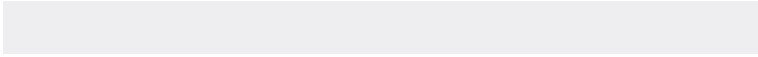
40, 110.218,
308.781

■ 36,118.964,
308.885

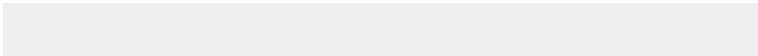
Harmonies

Complementary

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



94, 1.599, 303.072



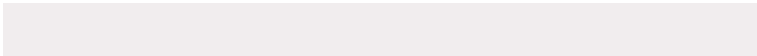
95, 1.571, 122.992

Rectangle

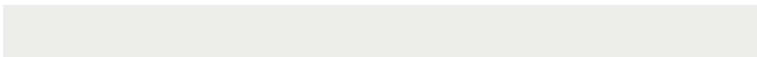
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



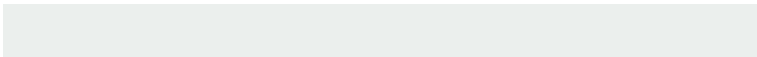
94, 1.599, 303.072



94, 1.599, 353.072



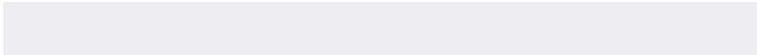
94, 1.599, 123.072



94, 1.599, 173.072

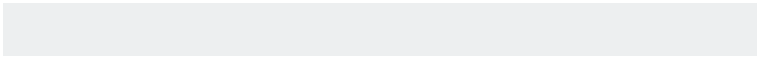
Sweetspot

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



94, 1.597, 303.039

100, 0.012, 296.813



94, 0.869, 234.373



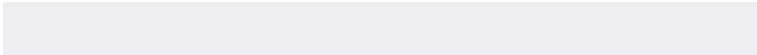
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

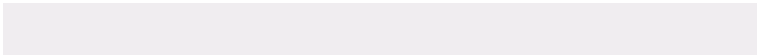
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.597, 303.039



99, 1.345, 303.015



94, 1.787, 319.227



50, 0.727, 303.009



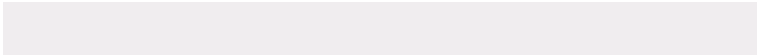
25, 100.876, 308.777



4, 38.921, 306.917

Inverse Universe

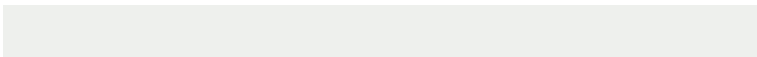
The Inverse Universe completely reimagines the original color for something new.



94, 1.494, 335.447



99, 1.259, 335.366



95, 1.765, 139.390



50, 0.680, 335.342



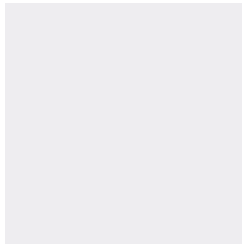
41, 70.716, 347.334



9, 31.769, 343.874

Previews

White Background



This preview shows how the CIELCh color 94, 1.599, 303.072 looks on a white background.

Color Contrast Check

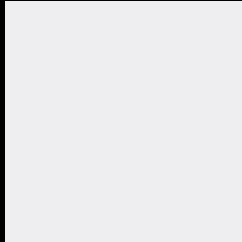
Large Text (above 18pt) WCAG AA × Fail

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, 1.599, 303.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

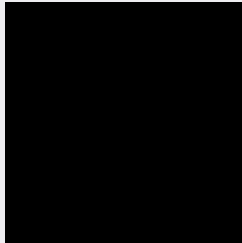
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

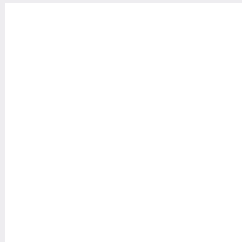
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.599, 303.072

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.599, 303.072.

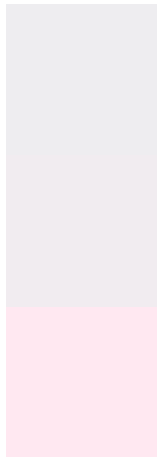


This preview shows how white text looks on a background with the CIELCh color 94, 1.599, 303.072.

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, 1.599, 303.072

Protanopia

94, 2.737, 330.528

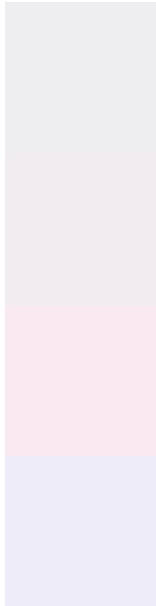
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 9.975, 300.878

Trichromacy



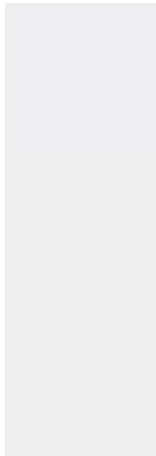
Original Color
94, 1.599, 303.072

Protanomaly
94, 2.520, 324.417

Deuteranomaly
94, 6.460, 345.926

Tritanomaly
94, 6.800, 299.515

Monochromacy



Original Color
94, 1.599, 303.072

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.525, 290.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.599, 303.072 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(238, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 237, 240)  
}
```

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(238, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 237, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.599, 303.072 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(238, 237, 240) }
```

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

```
.border{ border-color:rgb(238, 237, 240) }
```

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

Here you see how a box with a 4 pixel rgb(238, 237, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 237,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.599, 303.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 237, 240) }
```

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

```
.background{ background-color: rgb(238,  
237, 240) }
```

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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