

Converting Colors

CIELCh(94, 1.767, 343.523)

Have a look what the booklet for
CIELCh(94, 1.767, 343.523) contains.

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Color

CIELCh(94, 1.767, 343.523)

Conversions

Conversions Part 1

Format	Color
Hex	F1EDEF
RGB	241, 237, 239
RGB Percent	95%, 93%, 94%
CMY	0.0560, 0.0717, 0.0638
CMYK	0.00, 0.02, 0.01, 0.06
HSL	330°, 12%, 94%
HSV	330°, 2%, 94%
XYZ	81.9201, 85.2715, 93.5842
YIQ	238.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

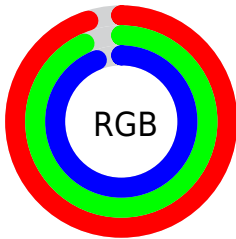
Format	Color
R _Y B	241, 237, 239
Decimal	15855087
CIE Lab	94.00, 1.69, -0.50
CIE LCh	94, 1.767, 343.523
Yxy	85.2715, 0.3141, 0.3270
Android (android.graphics.Color)	4294045167 (0xFFFF1EDEF)
YUV	238.4240, 0.2840, 2.2592
Hunter-Lab	92.3426, -3.2464, 4.5526

Details

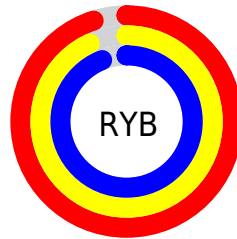
The CIELCh color `94, 1.767, 343.523` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 1.746, 163.809`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 1.856, 343.619` is the 20% darker color. If you saturate the color by 10%, you get `88, 12.519, 344.633`, and if you desaturate by 10%, it is `99, 5.430, 175.800`.

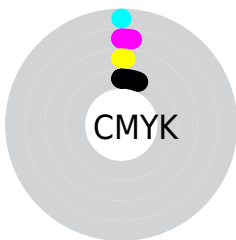
Distribution



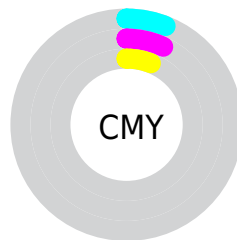
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 1.767, 343.523 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, 1.767, 343.523 by changing the saturation by 10% instead.

■ 94, 1.767, 343.523

■ 94, 1.767, 343.523

100, 1.767,
343.523

■ 84, 1.767, 343.523

■ 74, 1.767, 343.523

■ 64, 1.767, 343.523

■ 54, 1.767, 343.523

■ 44, 1.767, 343.523

■ 34, 1.767, 343.523

■ 24, 1.767, 343.523

■ 14, 1.767, 343.523

■ 4, 1.767, 343.523

94, 1.767, 343.523

94, 1.767, 343.523

88, 12.519,
344.633

99, 5.430, 175.800

82, 23.490,
345.604

99, 4.918, 199.228

76, 34.509,
346.684

70, 45.314,
347.919

65, 55.516,
349.367

61, 64.606,
351.109

57, 72.010,
353.260

54, 77.230,
355.970

■ 53, 80.066,
359.407

Harmonies

Complementary

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



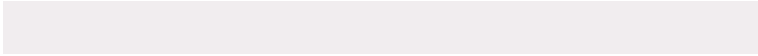
94, 1.767, 343.523



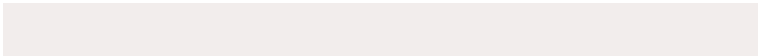
95, 1.746, 163.809

Rectangle

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



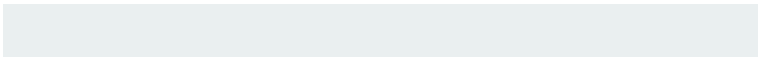
94, 1.767, 343.523



94, 1.767, 33.523



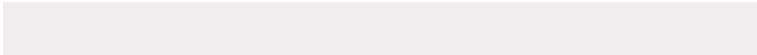
94, 1.767, 163.523



94, 1.767, 213.523

Sweetspot

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



94, 1.765, 343.549

100, 0.012, 296.813



94, 2.192, 309.079



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

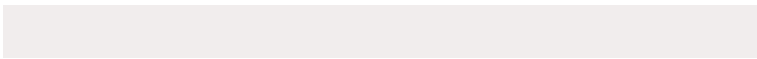
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 1.765, 343.549



99, 2.228, 343.623



94, 1.420, 19.060



50, 1.204, 343.601



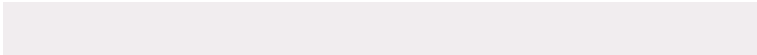
39, 66.214, 2.025



8, 29.440, 355.600

Inverse Universe

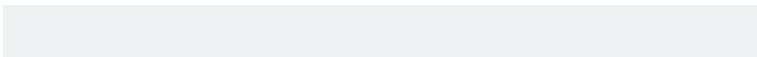
The Inverse Universe completely reimagines the original color for something new.



94, 1.765, 343.549



99, 2.228, 343.623



95, 1.403, 199.765



50, 1.204, 343.601



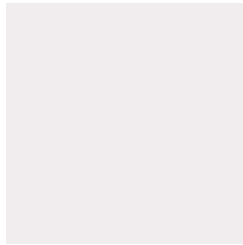
39, 66.214, 2.025



8, 29.440, 355.600

Previews

White Background



This preview shows how the CIE LCh color 94, 1.767, 343.523 looks on a white background.

Color Contrast Check

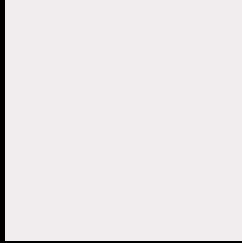
Large Text (above 18pt) WCAG AA × Fail

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, 1.767, 343.523 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

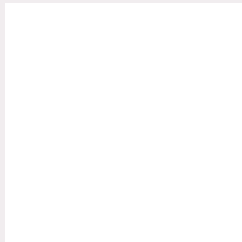
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 1.767, 343.523

Background



This preview shows how black text looks on a background with the CIELCh color 94, 1.767, 343.523.

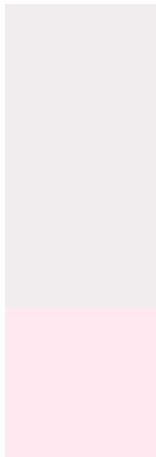


This preview shows how white text looks on a background with the CIELCh color 94, 1.767, 343.523.

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, 1.767, 343.523

Protanopia

94, 1.767, 343.523

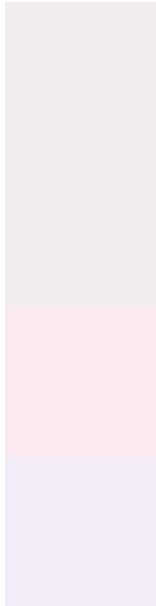
Deuteranopia

94, 9.209, 353.524



Tritanopia
94, 9.721, 307.430

Trichromacy



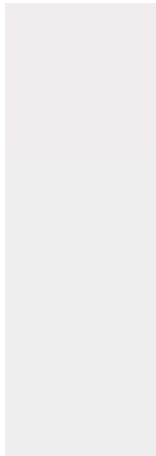
Original Color
94, 1.767, 343.523

Protanomaly
94, 1.767, 343.523

Deuteranomaly
94, 6.502, 351.482

Tritanomaly
94, 6.558, 309.261

Monochromacy



Original Color
94, 1.767, 343.523

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 0.355, 17.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 1.767, 343.523 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 237, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 237, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 1.767, 343.523 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, 239) }
```

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

```
.border{ border-color:rgb(241, 237, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 237,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 1.767, 343.523 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, 239) }
```

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

```
.background{ background-color: rgb(241,  
237, 239) }
```

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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