

Converting Colors

CIELCh(94, 2.684, 305.588)

Have a look what the booklet for
CIELCh(94, 2.684, 305.588) contains.

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Color

CIELCh(94, 2.686, 305.566)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EFEDF2 |
| RGB | 239, 237, 242 |
| RGB Percent | 94%, 93%, 95% |
| CMY | 0.0630, 0.0708, 0.0513 |
| CMYK | 0.01, 0.02, 0.00, 0.05 |
| HSL | 264°, 16%, 94% |
| HSV | 264°, 2%, 95% |
| XYZ | 81.8518, 85.2715, 96.0922 |
| YIQ | 238.1680, -0.4130, 1.9790 |

Conversions

Conversions Part 2

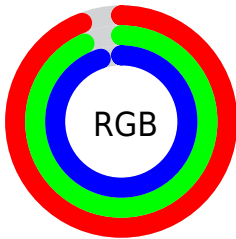
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 239, 237, 242 |
| Decimal | 15724018 |
| CIE Lab | 94.00, 1.56, -2.18 |
| CIE LCh | 94, 2.686, 305.566 |
| Yxy | 85.2715, 0.3110, 0.3240 |
| Android (android.graphics.Color) | 4293914098 (0xFFEFEDF2) |
| YUV | 238.1680, 1.8892, 0.7297 |
| Hunter-Lab | 92.3426, -3.3783, 2.9423 |

Details

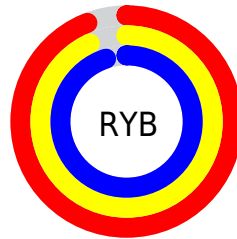
The CIELCh color `94, 2.686, 305.566` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 2.653, 125.420`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 2.823, 305.603` is the 20% darker color. If you saturate the color by 10%, you get `87, 15.892, 306.102`, and if you desaturate by 10%, it is `100, 6.645, 114.407`.

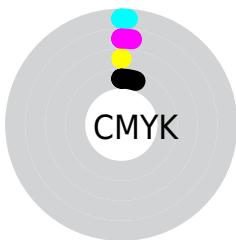
Distribution



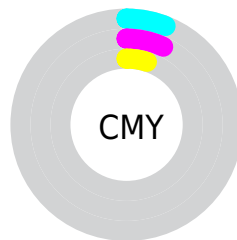
- Red (94%)
- Green (93%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.686, 305.566 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, 2.686, 305.566 by changing the saturation by 10% instead.

94, 2.686, 305.566

94, 2.686, 305.566

100, 2.686,
305.566

84, 2.686, 305.566

74, 2.686, 305.566

64, 2.686, 305.566

54, 2.686, 305.566

44, 2.686, 305.566

34, 2.686, 305.566

24, 2.686, 305.566

14, 2.686, 305.566

4, 2.686, 305.566

94, 2.686, 305.566

94, 2.686, 305.566

87, 15.892,
306.102

100, 6.645,
114.407

80, 29.528,
306.691

100, 6.616,
109.671

73, 43.554,
307.334

66, 57.872,
308.020

59, 72.275,
308.720

53, 86.377,
309.380

47, 99.516,
309.913

42, 110.697,
310.192

■ 38,118.739,
310.067

Harmonies

Complementary

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



94, 2.686, 305.566



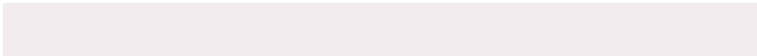
95, 2.653, 125.420

Rectangle

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



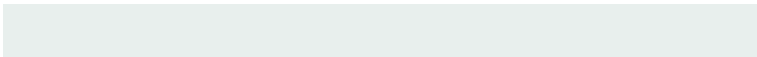
94, 2.686, 305.566



94, 2.686, 355.566



94, 2.686, 125.566



94, 2.686, 175.566

Sweetspot

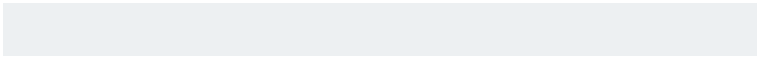
The Sweet Spot groups the original color and five complimentary colors.



94, 2.684, 305.549



99, 1.360, 305.458



95, 1.456, 242.433



53, 0.773, 305.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

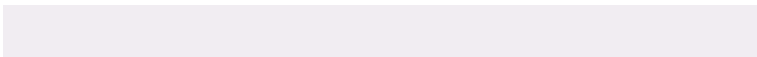
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 2.684, 305.549



99, 2.713, 305.545



94, 3.029, 321.254



50, 1.466, 305.537



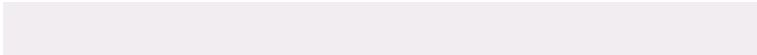
26, 99.577, 309.862



4, 39.213, 308.918

Inverse Universe

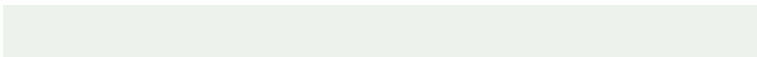
The Inverse Universe completely reimagines the original color for something new.



94, 2.366, 338.583



99, 2.392, 338.573



95, 3.007, 141.231



50, 1.293, 338.554



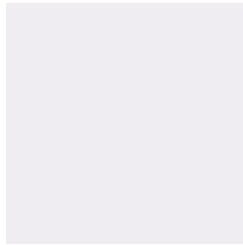
40, 68.303, 352.839



9, 30.666, 348.246

Previews

White Background



This preview shows how the CIELCh color 94, 2.686, 305.566 looks on a white background.

Color Contrast Check

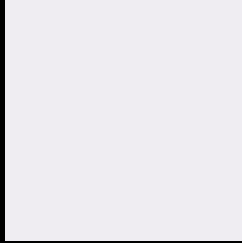
Large Text (above 18pt) WCAG AA × Fail

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, 2.686, 305.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

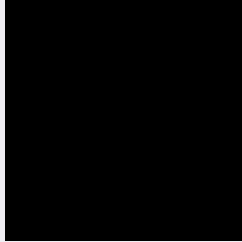
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

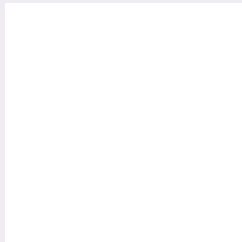
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.686, 305.566

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.686, 305.566.

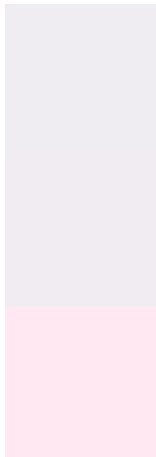


This preview shows how white text looks on a background with the CIELCh color 94, 2.686, 305.566.

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, 2.686, 305.566

Protanopia

94, 3.584, 319.842

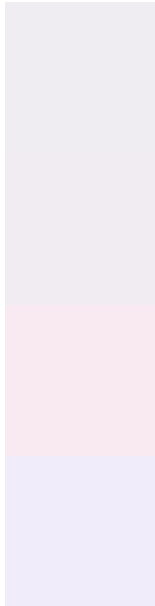
Deuteranopia

94, 9.699, 348.074



Tritanopia
94, 10.044, 302.818

Trichromacy



Original Color

94, 2.686, 305.566

Protanomaly

94, 3.421, 314.714

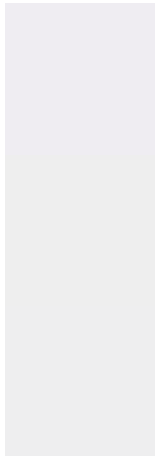
Deuteranomaly

94, 6.758, 342.314

Tritanomaly

94, 7.370, 301.592

Monochromacy



Original Color

94, 2.686, 305.566

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, 2.686, 305.566 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(239, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 242)  
}
```

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(239, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.686, 305.566 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(239, 237, 242) }
```

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

```
.border{ border-color:rgb(239, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.686, 305.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 242) }
```

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

```
.background{ background-color: rgb(239,  
237, 242) }
```

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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