

Converting Colors

CIELCh(94, 3.138, 335.401)

Have a look what the booklet for
CIELCh(94, 3.138, 335.401) contains.

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Color

CIELCh(94, 2.981, 335.704)

Conversions

Conversions Part 1

Format	Color
Hex	F2ECF0
RGB	242, 236, 240
RGB Percent	95%, 93%, 94%
CMY	0.0504, 0.0739, 0.0583
CMYK	0.00, 0.02, 0.01, 0.05
HSL	320°, 19%, 94%
HSV	320°, 2%, 95%
XYZ	82.4493, 85.2715, 94.6592
YIQ	238.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

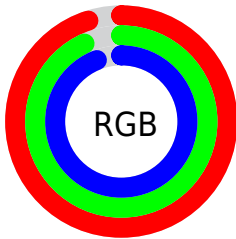
Format	Color
R _Y B	242, 236, 240
Decimal	15920368
CIE Lab	94.00, 2.72, -1.23
CIE LCh	94, 2.981, 335.704
Yxy	85.2715, 0.3142, 0.3250
Android (android.graphics.Color)	4294110448 (0xFF F2 EC F0)
YUV	238.2500, 0.8628, 3.2887
Hunter-Lab	92.3426, -2.2234, 3.8624

Details

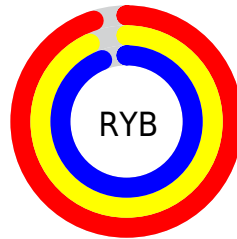
The CIELCh color `94, 2.981, 335.704` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 2.958, 155.638`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 3.132, 335.782` is the 20% darker color. If you saturate the color by 10%, you get `88, 15.116, 336.544`, and if you desaturate by 10%, it is `99, 5.693, 161.876`.

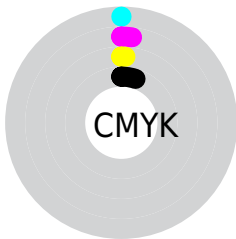
Distribution



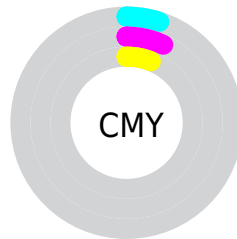
- Red (95%)
- Green (93%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 2.981, 335.704 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, 2.981, 335.704 by changing the saturation by 10% instead.

94, 2.981, 335.704

94, 2.981, 335.704

100, 2.981,
335.704

84, 2.981, 335.704

74, 2.981, 335.704

64, 2.981, 335.704

54, 2.981, 335.704

44, 2.981, 335.704

34, 2.981, 335.704

24, 2.981, 335.704

14, 2.981, 335.704

4, 2.981, 335.704

94, 2.981, 335.704

94, 2.981, 335.704

88, 15.116,
336.544

99, 5.693, 161.876

99, 4.435, 199.274

82, 27.381,
337.331

76, 39.564,
338.172

71, 51.347,
339.087

66, 62.286,
340.099

62, 71.821,
341.247

58, 79.337,
342.583

56, 84.307,
344.185

■ 54, 86.502,
346.147

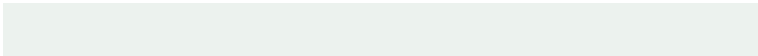
Harmonies

Complementary

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



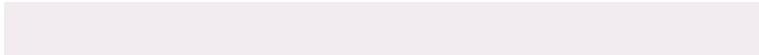
94, 2.981, 335.704



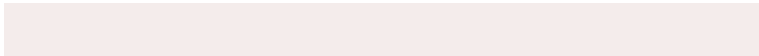
95, 2.958, 155.638

Rectangle

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



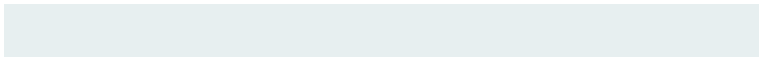
94, 2.981, 335.704



94, 2.981, 25.704



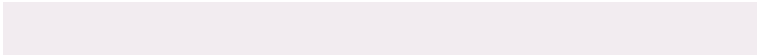
94, 2.981, 155.704



94, 2.981, 205.704

Sweetspot

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



94, 2.978, 335.713



99, 1.258, 335.413



94, 3.186, 303.160



53, 0.715, 335.392



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

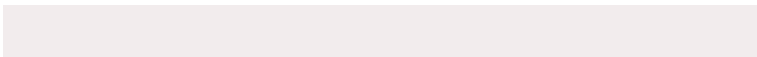
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 2.978, 335.713



98, 3.763, 335.774



94, 2.200, 5.771



49, 2.712, 335.852



41, 70.669, 347.421



9, 31.749, 343.944

Inverse Universe

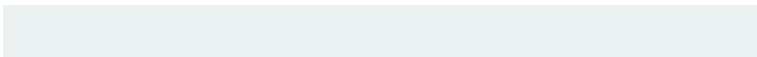
The Inverse Universe completely reimagines the original color for something new.



94, 2.978, 335.713



98, 3.763, 335.774



95, 2.170, 185.889



49, 2.712, 335.852



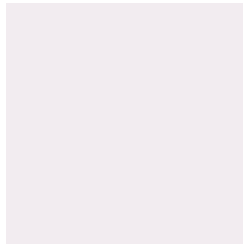
41, 70.669, 347.421



9, 31.749, 343.944

Previews

White Background



This preview shows how the CIELCh color 94, 2.981, 335.704 looks on a white background.

Color Contrast Check

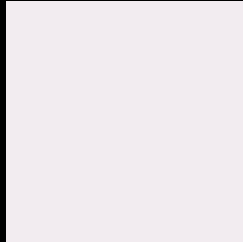
Large Text (above 18pt) WCAG AA × Fail

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, 2.981, 335.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

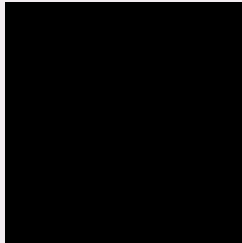
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

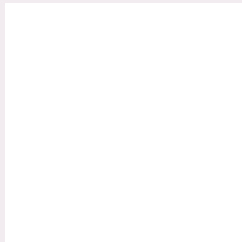
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 2.981, 335.704

Background



This preview shows how black text looks on a background with the CIELCh color 94, 2.981, 335.704.

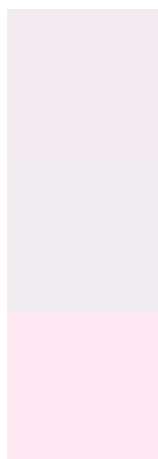


This preview shows how white text looks on a background with the CIELCh color 94, 2.981, 335.704.

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, 2.981, 335.704

Protanopia

94, 2.737, 330.528

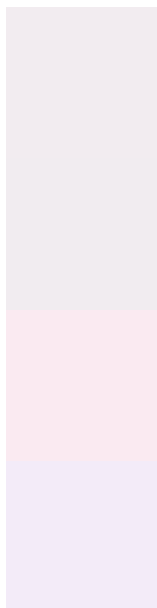
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 10.438, 310.297

Trichromacy



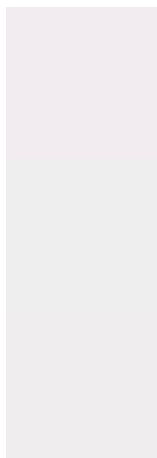
Original Color
94, 2.981, 335.704

Protanomaly
94, 2.737, 330.528

Deuteranomaly
94, 6.759, 347.650

Tritanomaly
94, 7.297, 313.187

Monochromacy



Original Color
94, 2.981, 335.704

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.495, 335.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 2.981, 335.704 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(242, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 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(242, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 2.981, 335.704 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(242, 236, 240) }
```

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

```
.border{ border-color:rgb(242, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 2.981, 335.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 240) }
```

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

```
.background{ background-color: rgb(242,  
236, 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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