

Converting Colors

CIELCh(94, 3.531, 355.996)

Have a look what the booklet for
CIELCh(94, 3.531, 355.996) contains.

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Color

CIELCh(94, 3.375, 1.735)

Conversions

Conversions Part 1

Format	Color
Hex	F5ECEE
RGB	245, 236, 238
RGB Percent	96%, 93%, 93%
CMY	0.0407, 0.0760, 0.0681
CMYK	0.00, 0.04, 0.03, 0.04
HSL	347°, 30%, 94%
HSV	347°, 4%, 96%
XYZ	82.7903, 85.2715, 92.6962
YIQ	238.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

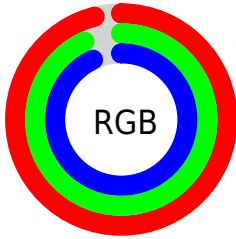
Format	Color
R _Y B	245, 236, 238
Decimal	16116974
CIE Lab	94.00, 3.37, 0.10
CIE LCh	94, 3.375, 1.735
Yxy	85.2715, 0.3175, 0.3270
Android (android.graphics.Color)	4294307054 (0xFF5ECEEE)
YUV	238.9190, -0.4531, 5.3330
Hunter-Lab	92.3426, -1.5642, 5.1228

Details

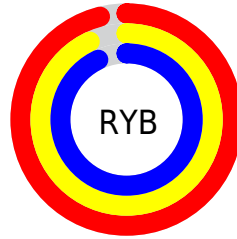
The CIELCh color **94, 3.375, 1.735** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **96, 3.320, 181.442**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 3.552, 1.869** is the 20% darker color. If you saturate the color by 10%, you get **88, 12.862, 2.901**, and if you desaturate by 10%, it is **99, 3.586, 199.363**.

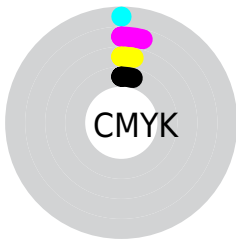
Distribution



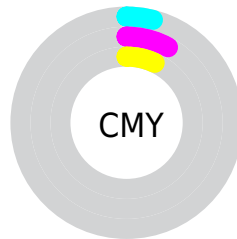
- Red (96%)
- Green (93%)
- Blue (93%)



- Red (96%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 3.375, 1.735 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, 3.375, 1.735 by changing the saturation by 10% instead.

 94, 3.375, 1.735

 94, 3.375, 1.735

 100, 3.375, 1.735

 84, 3.375, 1.735

 74, 3.375, 1.735

 64, 3.375, 1.735

 54, 3.375, 1.735

 44, 3.375, 1.735

 34, 3.375, 1.735

 24, 3.375, 1.735

 14, 3.375, 1.735

 4, 3.375, 1.735

94, 3.375, 1.735

94, 3.375, 1.735

88, 12.862, 2.901

99, 3.586, 199.363

81, 22.793, 4.113

75, 33.067, 5.553

70, 43.493, 7.311

64, 53.771, 9.503

60, 63.503, 12.276

56, 72.263, 15.793

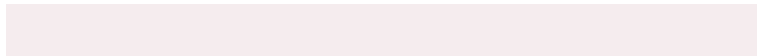
54, 79.761, 20.177

52, 86.004, 25.383

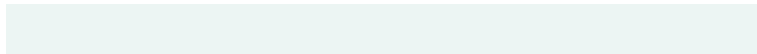
Harmonies

Complementary

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



94, 3.375, 1.735



96, 3.320, 181.442

Rectangle

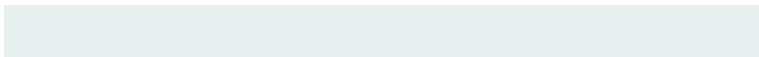
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 3.375, 1.735



94, 3.375, 51.735



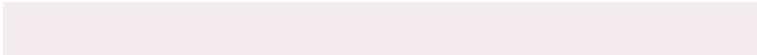
94, 3.375, 181.735



94, 3.375, 231.735

Sweetspot

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



94, 3.373, 1.761



99, 0.946, 1.050



94, 5.260, 317.919



53, 0.538, 1.013



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, 3.373, 1.761



97, 3.798, 1.807



95, 2.641, 47.029



50, 2.615, 1.901



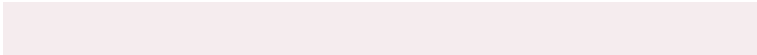
39, 72.353, 27.797



9, 29.915, 15.658

Inverse Universe

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



94, 3.373, 1.761



97, 3.798, 1.807



95, 2.594, 227.884



50, 2.615, 1.901



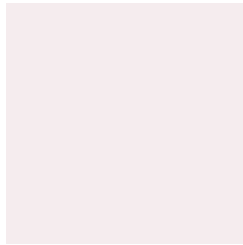
39, 72.353, 27.797



9, 29.915, 15.658

Previews

White Background



This preview shows how the CIELCh color 94, 3.375, 1.735 looks on a white background.

Color Contrast Check

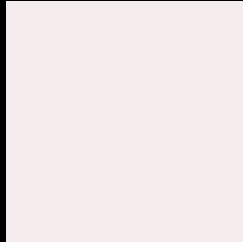
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 3.375, 1.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

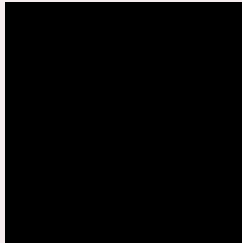
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

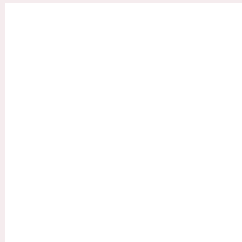
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 3.375, 1.735

Background



This preview shows how black text looks on a background with the CIELCh color 94, 3.375, 1.735.

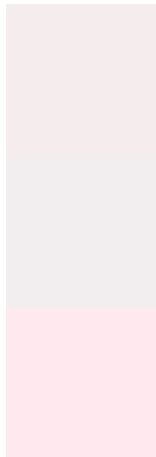


This preview shows how white text looks on a background with the CIELCh color 94, 3.375, 1.735.

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, 3.375, 1.735

Protanopia

94, 1.856, 3.120

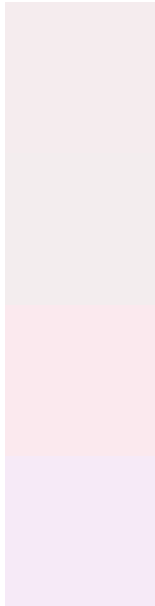
Deuteranopia

94, 8.815, 359.530



Tritanopia
94, 10.996, 317.189

Trichromacy



Original Color

94, 3.375, 1.735

Protanomaly

94, 2.200, 5.770

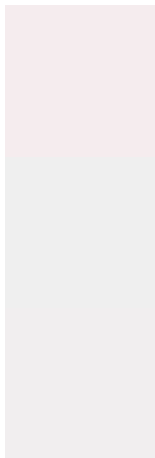
Deuteranomaly

94, 6.945, 358.117

Tritanomaly

94, 7.956, 322.587

Monochromacy



Original Color

94, 3.375, 1.735

Achromatopsia

94, 0.011, 296.813

Achromatomaly

94, 1.191, 353.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 3.375, 1.735 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(245, 236, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 238)  
}
```

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(245, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 3.375, 1.735 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(245, 236, 238) }
```

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

```
.border{ border-color:rgb(245, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 3.375, 1.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 238) }
```

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

```
.background{ background-color: rgb(245,  
236, 238) }
```

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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