

Converting Colors

CIELCh(94, 4.856, 343.086)

Have a look what the booklet for
CIELCh(94, 4.856, 343.086) contains.

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Color

CIELCh(94, 5.002, 341.543)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBF1
RGB	246, 235, 241
RGB Percent	96%, 92%, 95%
CMY	0.0357, 0.0788, 0.0553
CMYK	0.00, 0.04, 0.02, 0.04
HSL	327°, 38%, 94%
HSV	327°, 4%, 96%
XYZ	83.5056, 85.2715, 95.1914
YIQ	238.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

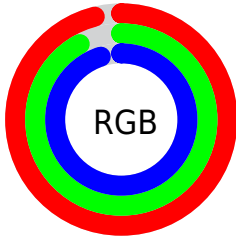
Format	Color
R _Y B	246, 235, 241
Decimal	16182257
CIE Lab	94.00, 4.74, -1.58
CIE LCh	94, 5.002, 341.543
Yxy	85.2715, 0.3163, 0.3230
Android (android.graphics.Color)	4294372337 (0xFFFF6EBF1)
YUV	238.9730, 0.9993, 6.1627
Hunter-Lab	92.3426, -0.1816, 3.5207

Details

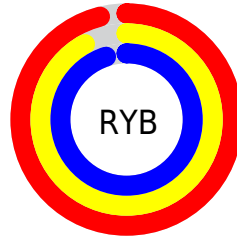
The CIELCh color `94, 5.002, 341.543` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 4.963, 161.026`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 5.257, 341.662` is the 20% darker color. If you saturate the color by 10%, you get `88, 16.349, 342.455`, and if you desaturate by 10%, it is `99, 3.514, 174.331`.

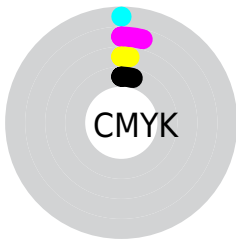
Distribution



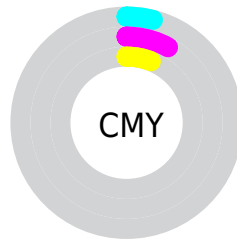
- Red (96%)
- Green (92%)
- Blue (95%)



- Red (96%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.002, 341.543 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, 5.002, 341.543 by changing the saturation by 10% instead.

 94, 5.002, 341.543

 94, 5.002, 341.543

 100, 5.002,
341.543

 84, 5.002, 341.543

 74, 5.002, 341.543

 64, 5.002, 341.543

 54, 5.002, 341.543

 44, 5.002, 341.543

 34, 5.002, 341.543

 24, 5.002, 341.543

 14, 5.002, 341.543

 4, 5.002, 341.543

94, 5.002, 341.543

94, 5.002, 341.543

88, 16.349,
342.455

99, 3.514, 174.331

99, 3.151, 199.416

82, 27.850,
343.395

76, 39.298,
344.440

70, 50.374,
345.627

65, 60.633,
347.010

61, 69.513,
348.663

58, 76.416,
350.696

55, 80.876,
353.247

■ 54, 82.795,
356.468

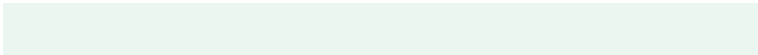
Harmonies

Complementary

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



94, 5.002, 341.543



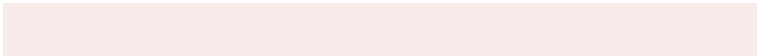
96, 4.963, 161.026

Rectangle

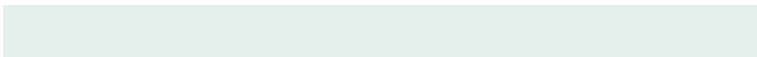
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 5.002, 341.543



94, 5.002, 31.543



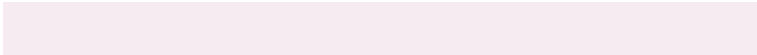
94, 5.002, 161.543



94, 5.002, 211.543

Sweetspot

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



94, 4.999, 341.551



99, 1.153, 340.962



94, 5.956, 307.491



53, 0.656, 340.937



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

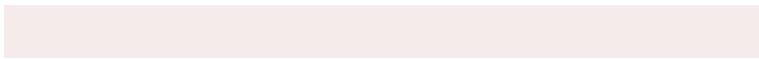
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.999, 341.551



97, 5.760, 341.604



94, 3.943, 15.414



49, 3.803, 341.669



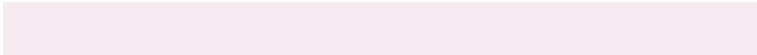
40, 67.592, 357.788



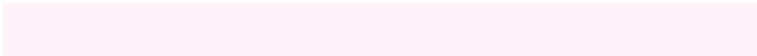
9, 30.744, 352.450

Inverse Universe

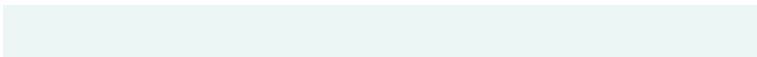
The Inverse Universe completely reimagines the original color for something new.



94, 4.999, 341.551



97, 5.760, 341.604



96, 3.841, 195.113



49, 3.803, 341.669



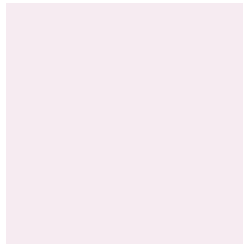
40, 67.592, 357.788



9, 30.744, 352.450

Previews

White Background



This preview shows how the CIELCh color 94, 5.002, 341.543 looks on a white background.

Color Contrast Check

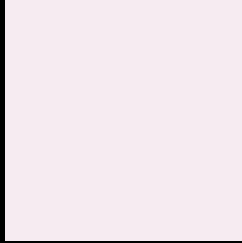
Large Text (above 18pt) WCAG AA × Fail

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, 5.002, 341.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

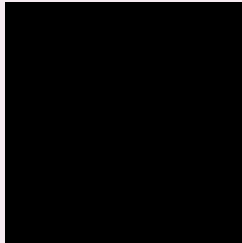
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

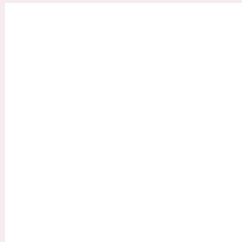
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.002, 341.543

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.002, 341.543.

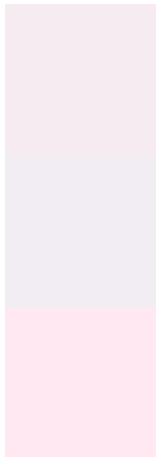


This preview shows how white text looks on a background with the CIELCh color 94, 5.002, 341.543.

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, 5.002, 341.543

Protanopia

94, 2.958, 318.822

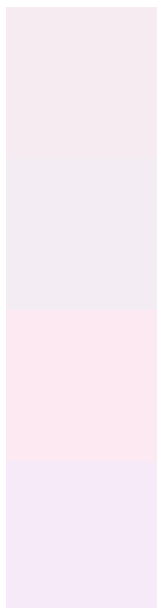
Deuteranopia

94, 9.443, 350.728



Tritanopia
94, 10.996, 317.189

Trichromacy



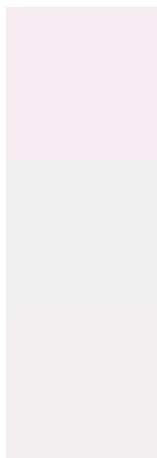
Original Color
94, 5.002, 341.543

Protanomaly
94, 3.984, 328.698

Deuteranomaly
94, 7.944, 348.746

Tritanomaly
94, 8.578, 322.763

Monochromacy



Original Color
94, 5.002, 341.543

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.765, 343.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.002, 341.543 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(246, 235, 241)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 241)  
}
```

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(246, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.002, 341.543 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(246, 235, 241) }
```

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

```
.border{ border-color:rgb(246, 235, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 235, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.002, 341.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 241) }
```

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

```
.background{ background-color: rgb(246,  
235, 241) }
```

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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