

Converting Colors

CIELCh(94, 5.249, 338.759)

Have a look what the booklet for
CIELCh(94, 5.249, 338.759) contains.

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Color

CIELCh(94, 5.335, 337.223)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBF2
RGB	246, 235, 242
RGB Percent	96%, 92%, 95%
CMY	0.0360, 0.0791, 0.0517
CMYK	0.00, 0.04, 0.02, 0.04
HSL	322°, 37%, 94%
HSV	322°, 4%, 96%
XYZ	83.5968, 85.2715, 95.9128
YIQ	239.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

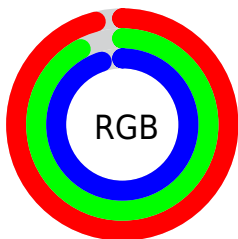
Format	Color
R _Y B	246, 235, 242
Decimal	16182258
CIE Lab	94.00, 4.92, -2.07
CIE LCh	94, 5.335, 337.223
Yxy	85.2715, 0.3157, 0.3220
Android (android.graphics.Color)	4294372338 (0xFFFF6EBF2)
YUV	239.0870, 1.4361, 6.0627
Hunter-Lab	92.3426, -0.0053, 3.0575

Details

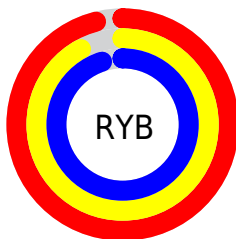
The CIELCh color `94, 5.335, 337.223` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.302, 156.737`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 5.606, 337.330` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.402, 338.042`, and if you desaturate by 10%, it is `99, 3.878, 165.589`.

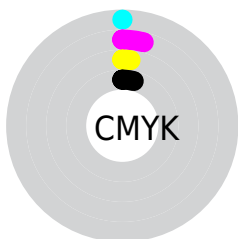
Distribution



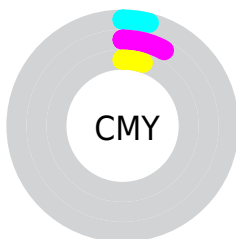
- Red (96%)
- Green (92%)
- Blue (95%)



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



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



- Cyan (4%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.335, 337.223 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, 5.335, 337.223 by changing the saturation by 10% instead.

94, 5.335, 337.223

94, 5.335, 337.223

100, 5.335,
337.223

84, 5.335, 337.223

74, 5.335, 337.223

64, 5.335, 337.223

54, 5.335, 337.223

44, 5.335, 337.223

34, 5.335, 337.223

24, 5.335, 337.223

14, 5.335, 337.223

4, 5.335, 337.223

94, 5.335, 337.223

94, 5.335, 337.223

88, 17.402,
338.042

99, 3.878, 165.589

99, 3.177, 199.412

82, 29.577,
338.872

76, 41.633,
339.772

71, 53.229,
340.764

66, 63.896,
341.882

62, 73.051,
343.174

58, 80.078,
344.710

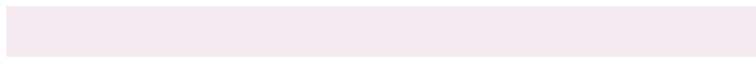
56, 84.488,
346.585

■ 54, 86.145,
348.912

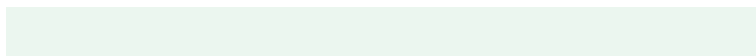
Harmonies

Complementary

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



94, 5.335, 337.223



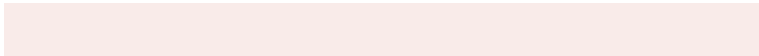
96, 5.302, 156.737

Rectangle

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



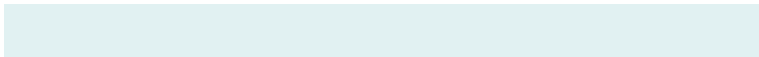
94, 5.335, 337.223



94, 5.335, 27.223



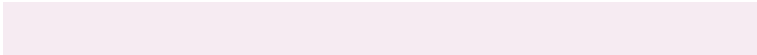
94, 5.335, 157.223



94, 5.335, 207.223

Sweetspot

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



94, 5.332, 337.229



99, 1.230, 336.707



94, 5.851, 303.892



53, 0.700, 336.685



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

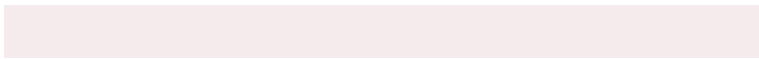
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.332, 337.229



97, 6.144, 337.277



94, 4.022, 7.376



49, 4.056, 337.335



41, 70.201, 349.866



9, 32.079, 346.070

Inverse Universe

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



94, 5.332, 337.229



97, 6.144, 337.277



96, 3.937, 186.914



49, 4.056, 337.335



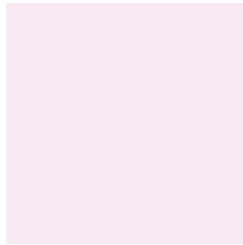
41, 70.201, 349.866



9, 32.079, 346.070

Previews

White Background



This preview shows how the CIELCh color 94, 5.335, 337.223 looks on a white background.

Color Contrast Check

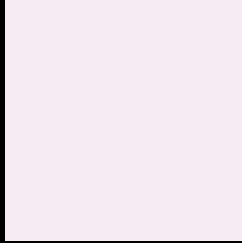
Large Text (above 18pt) WCAG AA × Fail

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, 5.335, 337.223 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

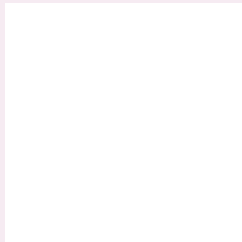
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.335, 337.223

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.335, 337.223.



This preview shows how white text looks on a background with the CIELCh color 94, 5.335, 337.223.

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](#).

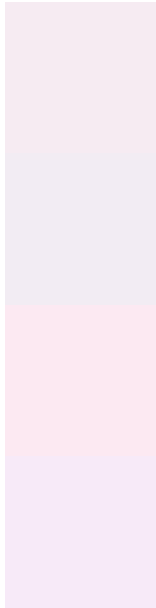
Dichromacy





Tritanopia
94, 10.996, 317.189

Trichromacy



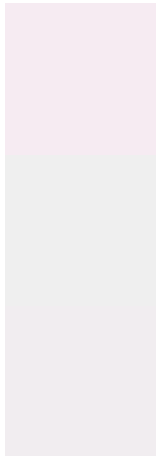
Original Color
94, 5.335, 337.223

Protanomaly
94, 4.207, 320.564

Deuteranomaly
94, 8.218, 345.679

Tritanomaly
94, 8.578, 322.763

Monochromacy



Original Color
94, 5.335, 337.223

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.114, 332.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.335, 337.223 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 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(246, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.335, 337.223 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, 242) }
```

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

```
.border{ border-color:rgb(246, 235, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.335, 337.223 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, 242) }
```

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

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