

Converting Colors

CIELCh(94, 5.704, 333.431)

Have a look what the booklet for
CIELCh(94, 5.704, 333.431) contains.

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Color

CIELCh(94, 5.697, 333.436)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBF3
RGB	246, 235, 243
RGB Percent	96%, 92%, 95%
CMY	0.0363, 0.0794, 0.0481
CMYK	0.00, 0.04, 0.01, 0.04
HSL	316°, 37%, 94%
HSV	316°, 4%, 96%
XYZ	83.6893, 85.2715, 96.6384
YIQ	239.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

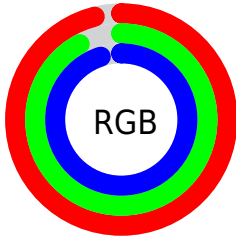
Format	Color
R _Y B	246, 235, 243
Decimal	16182259
CIE Lab	94.00, 5.10, -2.55
CIE LCh	94, 5.697, 333.436
Yxy	85.2715, 0.3151, 0.3211
Android (android.graphics.Color)	4294372339 (0xFF6EBF3)
YUV	239.2010, 1.8729, 5.9627
Hunter-Lab	92.3426, 0.1735, 2.5916

Details

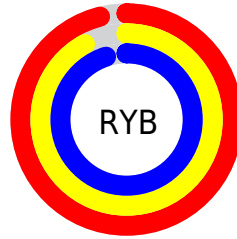
The CIELCh color $94, 5.697, 333.436$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96, 5.668, 152.979$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 5.985, 333.532$ is the 20% darker color. If you saturate the color by 10%, you get $88, 18.552, 334.172$, and if you desaturate by 10%, it is $99, 4.313, 158.475$.

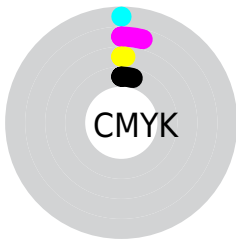
Distribution



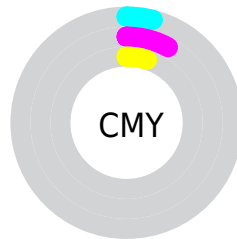
- Red (96%)
- Green (92%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (4%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.697, 333.436 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, 5.697, 333.436 by changing the saturation by 10% instead.

 94, 5.697, 333.436

 94, 5.697, 333.436

 100, 5.697,
333.436

 84, 5.697, 333.436

 74, 5.697, 333.436

 64, 5.697, 333.436

 54, 5.697, 333.436

 44, 5.697, 333.436

 34, 5.697, 333.436

 24, 5.697, 333.436

 14, 5.697, 333.436

 4, 5.697, 333.436

94, 5.697, 333.436

94, 5.697, 333.436

88, 18.552,
334.172

99, 4.313, 158.475

99, 3.202, 199.409

82, 31.482,
334.906

76, 44.241,
335.679

71, 56.467,
336.502

66, 67.672,
337.391

62, 77.262,
338.370

59, 84.617,
339.477

57, 89.248,
340.769

■ 55, 91.008,
342.312

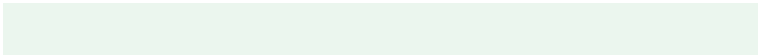
Harmonies

Complementary

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



94, 5.697, 333.436



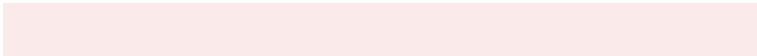
96, 5.668, 152.979

Rectangle

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



94, 5.697, 333.436



94, 5.697, 23.436



94, 5.697, 153.436



94, 5.697, 203.436

Sweetspot

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



94, 5.694, 333.440



99, 1.314, 332.976



93, 5.783, 300.810



53, 0.747, 332.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

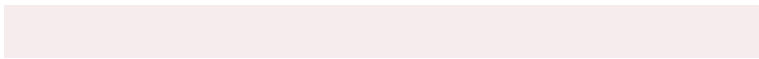
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 5.694, 333.440



97, 6.560, 333.483



94, 4.148, 1.018



49, 4.330, 333.536



42, 74.170, 342.938



10, 33.812, 340.488

Inverse Universe

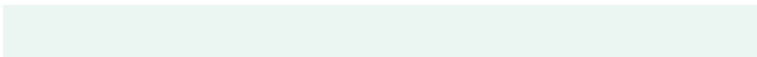
The Inverse Universe completely reimagines the original color for something new.



94, 5.694, 333.440



97, 6.560, 333.483



96, 4.075, 180.481



49, 4.330, 333.536



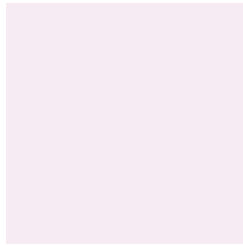
42, 74.170, 342.938



10, 33.812, 340.488

Previews

White Background



This preview shows how the CIELCh color 94, 5.697, 333.436 looks on a white background.

Color Contrast Check

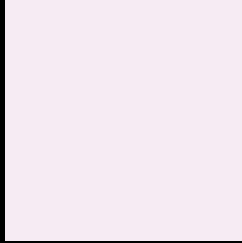
Large Text (above 18pt) WCAG AA × Fail

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, 5.697, 333.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

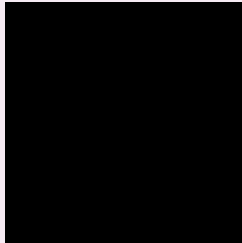
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

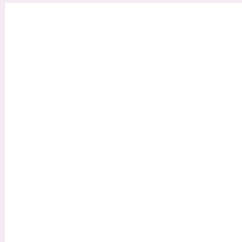
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.697, 333.436

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.697, 333.436.

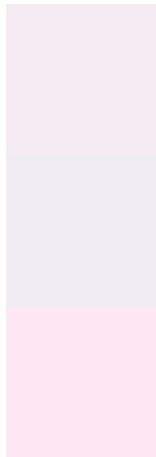


This preview shows how white text looks on a background with the CIELCh color 94, 5.697, 333.436.

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, 5.697, 333.436

Protanopia

94, 4.379, 309.181

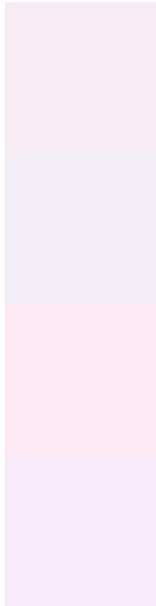
Deuteranopia

94, 9.975, 345.565



Tritanopia
94, 10.996, 317.189

Trichromacy



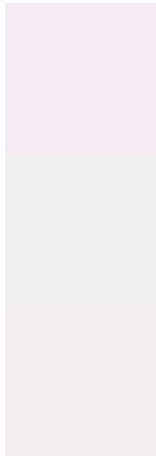
Original Color
94, 5.697, 333.436

Protanomaly
94, 4.658, 317.386

Deuteranomaly
94, 8.514, 342.820

Tritanomaly
94, 9.016, 321.020

Monochromacy



Original Color
94, 5.697, 333.436

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, 5.697, 333.436 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.697, 333.436 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, 243) }
```

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

```
.border{ border-color:rgb(246, 235, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.697, 333.436 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, 243) }
```

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

```
.background{ background-color: rgb(246,  
235, 243) }
```

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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