

Converting Colors

CIELCh(94, 6.680, 321.983)

Have a look what the booklet for
CIELCh(94, 6.680, 321.983) contains.

CIELCh(94, 6.705, 322.148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 6.705, 322.148)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBF6
RGB	245, 235, 246
RGB Percent	96%, 92%, 96%
CMY	0.0402, 0.0794, 0.0363
CMYK	0.00, 0.04, 0.00, 0.04
HSL	295°, 37%, 94%
HSV	295°, 4%, 96%
XYZ	83.7934, 85.2715, 99.0208
YIQ	239.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

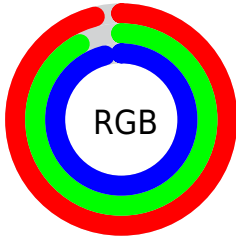
Format	Color
R _Y B	245, 235, 246
Decimal	16116726
CIE Lab	94.00, 5.29, -4.11
CIE LCh	94, 6.705, 322.148
Yxy	85.2715, 0.3126, 0.3181
Android (android.graphics.Color)	4294306806 (0xFFFF5EBF6)
YUV	239.2440, 3.3307, 5.0480
Hunter-Lab	92.3426, 0.3748, 1.0620

Details

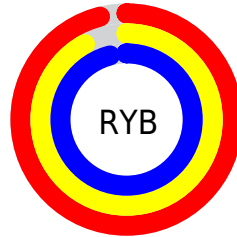
The CIELCh color `94, 6.705, 322.148` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 6.677, 141.783`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 7.044, 322.218` is the 20% darker color. If you saturate the color by 10%, you get `88, 21.829, 322.671`, and if you desaturate by 10%, it is `99, 5.506, 140.639`.

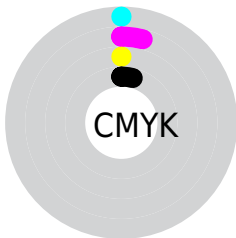
Distribution



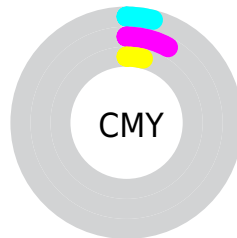
- Red (96%)
- Green (92%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.705, 322.148 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, 6.705, 322.148 by changing the saturation by 10% instead.

 94, 6.705, 322.148

 94, 6.705, 322.148

 100, 6.705,
322.148

 84, 6.705, 322.148

 74, 6.705, 322.148

 64, 6.705, 322.148

 54, 6.705, 322.148

 44, 6.705, 322.148

 34, 6.705, 322.148

 24, 6.705, 322.148

 14, 6.705, 322.148

 4, 6.705, 322.148

94, 6.705, 322.148

94, 6.705, 322.148

88, 21.829,
322.671

99, 5.506, 140.639

82, 37.044,
323.170

99, 5.136, 133.206

76, 52.090,
323.646

100, 4.866,
124.750

71, 66.597,
324.083

100, 4.714,
115.489

66, 80.068,
324.456

100, 4.685,
109.811

62, 91.897,
324.736

59, 101.443,
324.896

56, 108.189,
324.911

■ 55,111.944,
324.768

Harmonies

Complementary

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



94, 6.705, 322.148



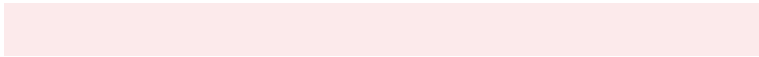
96, 6.677, 141.783

Rectangle

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



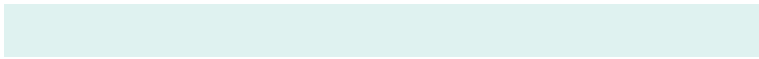
94, 6.705, 322.148



94, 6.705, 12.148



94, 6.705, 142.148



94, 6.705, 192.148

Sweetspot

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



94, 6.702, 322.147



99, 1.547, 321.834



94, 5.115, 286.308



53, 0.880, 321.822



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, 6.702, 322.147



97, 7.722, 322.178



94, 5.196, 338.884



49, 5.097, 322.216



41, 91.765, 324.696



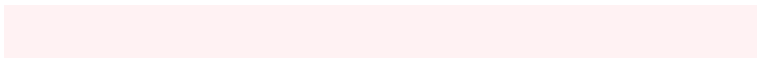
10, 40.757, 325.155

Inverse Universe

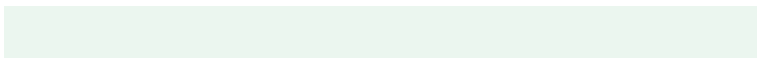
The Inverse Universe completely reimagines the original color for something new.



94, 3.965, 12.083



97, 4.575, 12.145



96, 5.163, 158.379



49, 3.025, 12.219



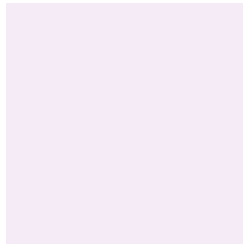
39, 78.722, 36.318



8, 30.485, 21.334

Previews

White Background



This preview shows how the CIELCh color 94, 6.705, 322.148 looks on a white background.

Color Contrast Check

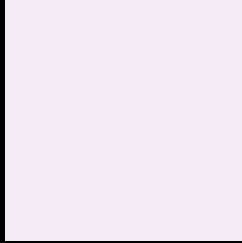
Large Text (above 18pt) WCAG AA × Fail

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, 6.705, 322.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

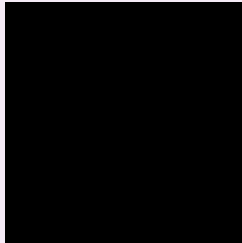
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

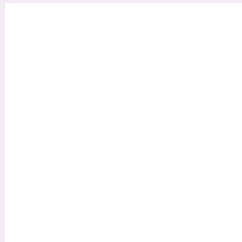
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 6.705, 322.148

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.705, 322.148.

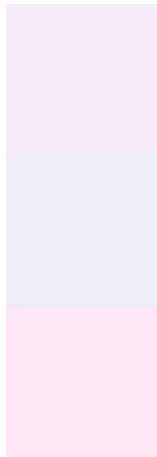


This preview shows how white text looks on a background with the CIELCh color 94, 6.705, 322.148.

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, 6.705, 322.148

Protanopia

94, 5.784, 301.035

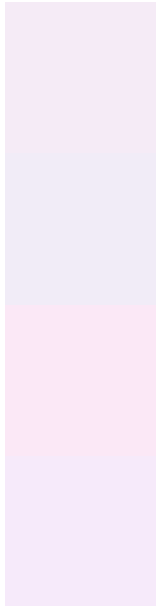
Deuteranopia

94, 11.519, 338.149



Tritanopia
94, 10.223, 314.947

Trichromacy



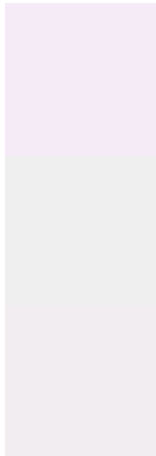
Original Color
94, 6.705, 322.148

Protanomaly
94, 5.958, 307.650

Deuteranomaly
94, 9.892, 333.300

Tritanomaly
94, 9.297, 317.544

Monochromacy



Original Color
94, 6.705, 322.148

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.518, 324.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.705, 322.148 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, 235, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 246)  
}
```

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, 235, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.705, 322.148 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, 235, 246) }
```

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

```
.border{ border-color:rgb(245, 235, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.705, 322.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 246) }
```

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

```
.background{ background-color: rgb(245,  
235, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor