

Converting Colors

CIELCh(94, 6.758, 342.314)

Have a look what the booklet for
CIELCh(94, 6.758, 342.314) contains.

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Color

CIELCh(94, 6.758, 342.314)

Conversions

Conversions Part 1

Format	Color
Hex	F9EAF2
RGB	249, 234, 242
RGB Percent	98%, 92%, 95%
CMY	0.0241, 0.0829, 0.0516
CMYK	0.00, 0.06, 0.03, 0.02
HSL	328°, 55%, 95%
HSV	328°, 6%, 98%
XYZ	84.3949, 85.2715, 95.8942
YIQ	239.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

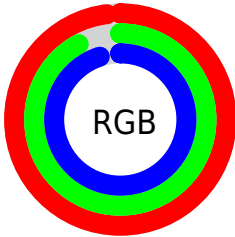
Format	Color
R _Y B	249, 234, 242
Decimal	16378610
CIE Lab	94.00, 6.44, -2.05
CIE LCh	94, 6.758, 342.314
Yxy	85.2715, 0.3178, 0.3211
Android (android.graphics.Color)	4294568690 (0xFFFF9EAF2)
YUV	239.3970, 1.2833, 8.4218
Hunter-Lab	92.3426, 1.5374, 3.0694

Details

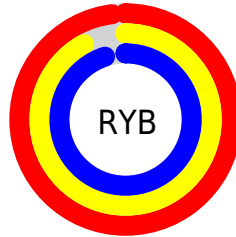
The CIELCh color **94, 6.758, 342.314** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 6.699, 161.487**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 7.103, 342.464** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.159, 343.229**, and if you desaturate by 10%, it is **100, 2.285, 179.580**.

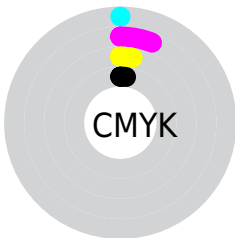
Distribution



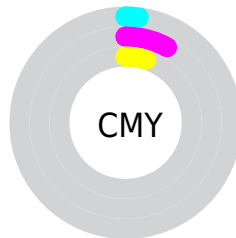
- Red (98%)
- Green (92%)
- Blue (95%)



- Red (98%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 6.758, 342.314 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, 6.758, 342.314 by changing the saturation by 10% instead.

 94, 6.758, 342.314

 94, 6.758, 342.314

 100, 6.758,
342.314

 84, 6.758, 342.314

 74, 6.758, 342.314

 64, 6.758, 342.314

 54, 6.758, 342.314

 44, 6.758, 342.314

 34, 6.758, 342.314

 24, 6.758, 342.314

 14, 6.758, 342.314

 4, 6.758, 342.314

94, 6.758, 342.314

94, 6.758, 342.314

88, 18.159,
343.229

100, 2.285,
179.580

82, 29.698,
344.200

100, 2.134,
199.580

76, 41.150,
345.285

70, 52.180,
346.529

65, 62.317,
347.988

61, 70.986,
349.749

58, 77.593,
351.929

56, 81.713,
354.678

■ 54, 83.340,
358.147

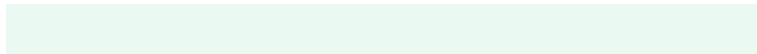
Harmonies

Complementary

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



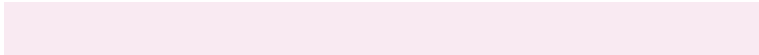
94, 6.758, 342.314



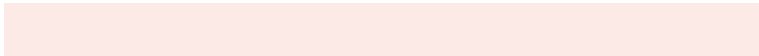
97, 6.699, 161.487

Rectangle

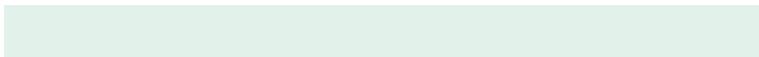
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 6.758, 342.314



94, 6.758, 32.314



94, 6.758, 162.314



94, 6.758, 212.314

Sweetspot

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



94, 6.755, 342.320



99, 2.280, 341.856



94, 8.145, 308.157



53, 1.297, 341.837



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

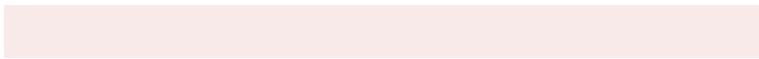
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 6.755, 342.320



95, 8.014, 342.412



94, 5.387, 16.933



49, 5.125, 342.465



41, 68.043, 358.944



10, 31.413, 353.640

Inverse Universe

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



94, 6.755, 342.320



95, 8.014, 342.412



97, 5.197, 196.371



49, 5.125, 342.465



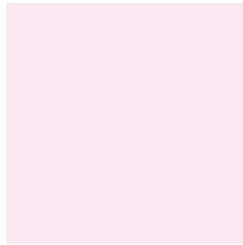
41, 68.043, 358.944



10, 31.413, 353.640

Previews

White Background



This preview shows how the CIELCh color 94, 6.758, 342.314 looks on a white background.

Color Contrast Check

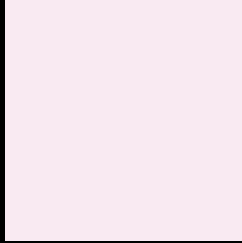
Large Text (above 18pt) WCAG AA × Fail

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, 6.758, 342.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

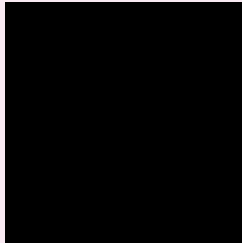
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 6.758, 342.314

Background



This preview shows how black text looks on a background with the CIELCh color 94, 6.758, 342.314.

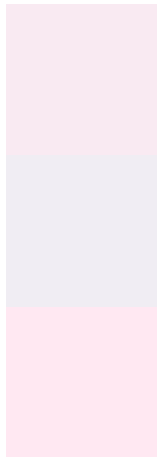


This preview shows how white text looks on a background with the CIELCh color 94, 6.758, 342.314.

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, 6.758, 342.314

Protanopia

94, 3.285, 309.135

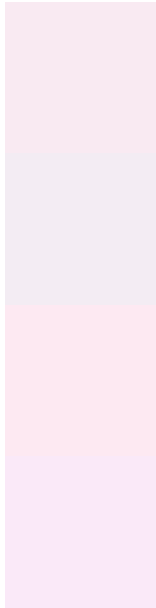
Deuteranopia

94, 9.699, 348.074



Tritanopia
94, 11.698, 323.394

Trichromacy



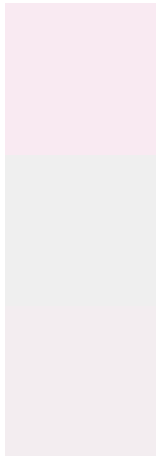
Original Color
94, 6.758, 342.314

Protanomaly
94, 4.398, 324.533

Deuteranomaly
94, 8.515, 347.070

Tritanomaly
94, 9.815, 328.179

Monochromacy



Original Color
94, 6.758, 342.314

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.646, 343.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 6.758, 342.314 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(249, 234, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 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(249, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 6.758, 342.314 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(249, 234, 242) }
```

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

```
.border{ border-color:rgb(249, 234, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 234, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 6.758, 342.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 242) }
```

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

```
.background{ background-color: rgb(249,  
234, 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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