

Converting Colors

CIELCh(95, 4.688, 346.439)

Have a look what the booklet for
CIELCh(95, 4.688, 346.439) contains.

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Color

CIELCh(95, 4.690, 346.448)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEF3
RGB	249, 238, 243
RGB Percent	98%, 93%, 95%
CMY	0.0242, 0.0673, 0.0477
CMYK	0.00, 0.04, 0.02, 0.02
HSL	333°, 47%, 95%
HSV	333°, 4%, 98%
XYZ	85.6822, 87.6183, 97.0545
YIQ	241.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

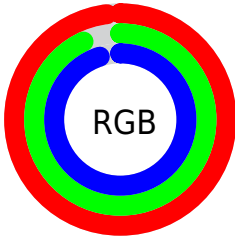
Format	Color
R _Y B	249, 238, 243
Decimal	16379635
CIE Lab	95.00, 4.56, -1.10
CIE LCh	95, 4.690, 346.448
Yxy	87.6183, 0.3169, 0.3241
Android (android.graphics.Color)	4294569715 (0xFF9EEF3)
YUV	241.8590, 0.5625, 6.2627
Hunter-Lab	93.6047, -0.4160, 4.0481

Details

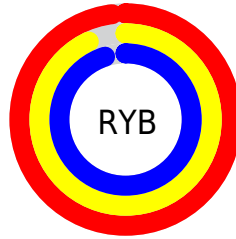
The CIELCh color $95, 4.690, 346.448$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 4.643, 165.916$, and the grayscale version is $95, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $75, 4.927, 346.576$ is the 20% darker color. If you saturate the color by 10%, you get $89, 15.500, 347.457$, and if you desaturate by 10%, it is $100, 2.140, 199.579$.

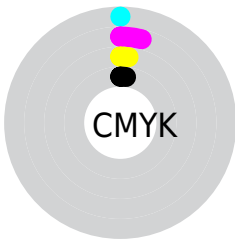
Distribution



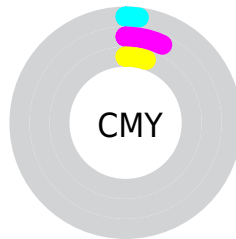
- Red (98%)
- Green (93%)
- Blue (95%)



- Red (98%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.690, 346.448 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 95, 4.690, 346.448 by changing the saturation by 10% instead.

 95, 4.690, 346.448

 95, 4.690, 346.448

 100, 4.690,
346.448

 85, 4.690, 346.448

 75, 4.690, 346.448

 65, 4.690, 346.448

 55, 4.690, 346.448

 45, 4.690, 346.448

 35, 4.690, 346.448

 25, 4.690, 346.448

 15, 4.690, 346.448

 5, 4.690, 346.448

95, 4.690, 346.448

95, 4.690, 346.448

89, 15.500,
347.457

100, 2.140,
199.579

82, 26.526,
348.511

76, 37.583,
349.707

71, 48.377,
351.101

66, 58.488,
352.767

61, 67.379,
354.810

58, 74.481,
357.374

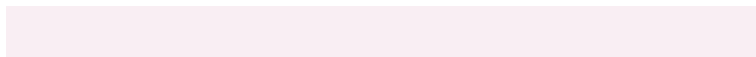
55, 79.370, 0.632

■ 54, 82.014, 4.750

Harmonies

Complementary

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



95, 4.690, 346.448



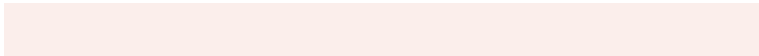
97, 4.643, 165.916

Rectangle

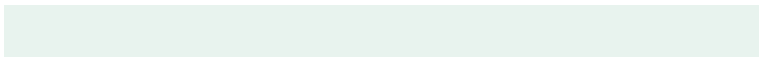
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



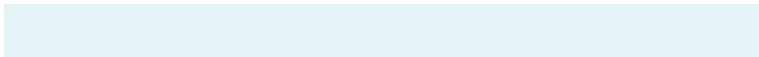
95, 4.690, 346.448



95, 4.690, 36.448



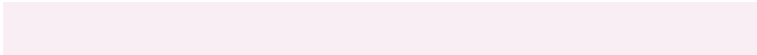
95, 4.690, 166.448



95, 4.690, 216.448

Sweetspot

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



95, 4.687, 346.460



99, 1.082, 345.804



95, 6.045, 310.389



53, 0.615, 345.775



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

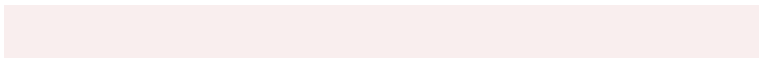
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.687, 346.460



97, 5.415, 346.524



95, 3.795, 22.327



50, 3.637, 346.596



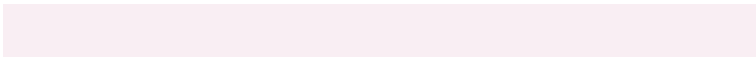
40, 67.321, 6.466



10, 30.709, 359.889

Inverse Universe

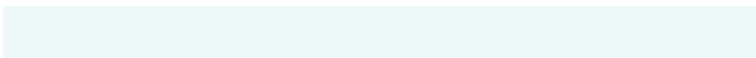
The Inverse Universe completely reimagines the original color for something new.



95, 4.687, 346.460



97, 5.415, 346.524



97, 3.689, 202.258



50, 3.637, 346.596



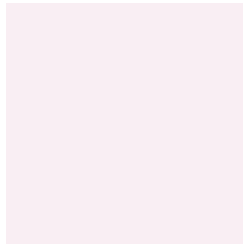
40, 67.321, 6.466



10, 30.709, 359.889

Previews

White Background



This preview shows how the CIE LCh color 95, 4.690, 346.448 looks on a white background.

Color Contrast Check

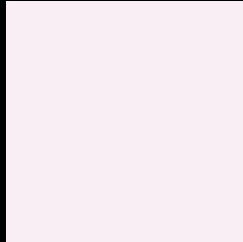
Large Text (above 18pt) WCAG AA × Fail

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 95, 4.690, 346.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

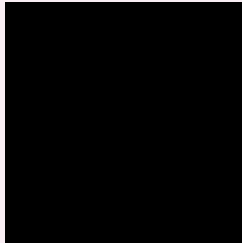
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

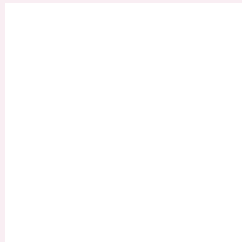
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.690, 346.448

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.690, 346.448.

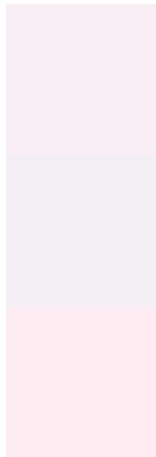


This preview shows how white text looks on a background with the CIELCh color 95, 4.690, 346.448.

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

95, 4.690, 346.448

Protanopia

95, 3.139, 324.460

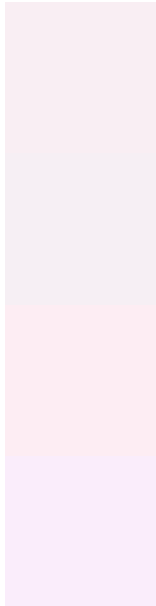
Deuteranopia

95, 7.676, 352.016



Tritanopia
95, 11.131, 318.802

Trichromacy



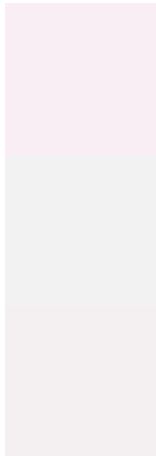
Original Color
95, 4.690, 346.448

Protanomaly
95, 3.589, 333.798

Deuteranomaly
95, 6.486, 351.474

Tritanomaly
95, 8.559, 322.759

Monochromacy



Original Color
95, 4.690, 346.448

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.763, 343.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.690, 346.448 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, 238, 243)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 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(249, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.690, 346.448 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, 238, 243) }
```

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

```
.border{ border-color:rgb(249, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.690, 346.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 243) }
```

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

```
.background{ background-color: rgb(249,  
238, 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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