

Converting Colors

CIELCh(95, 4.424, 82.123)

Have a look what the booklet for
CIELCh(95, 4.424, 82.123) contains.

CIELCh(95, 4.607, 81.939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 4.607, 81.939)

Conversions

Conversions Part 1

Format	Color
Hex	F6F0E8
RGB	246, 240, 232
RGB Percent	96%, 94%, 91%
CMY	0.0359, 0.0594, 0.0908
CMYK	0.00, 0.02, 0.06, 0.04
HSL	34°, 43%, 94%
HSV	34°, 6%, 96%
XYZ	83.6164, 87.6183, 88.7412
YIQ	240.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

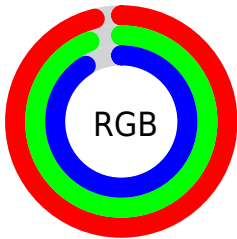
Format	Color
RYB	243, 246, 232
Decimal	16183528
CIELab	95.00, 0.65, 4.56
CIELCh	95, 4.607, 81.939
Yxy	87.6183, 0.3216, 0.3370
Android (android.graphics.Color)	4294373608 (0xFFFF6F0E8)
YUV	240.8820, -4.3788, 4.4885
Hunter-Lab	93.6047, -4.3554, 9.3139

Details

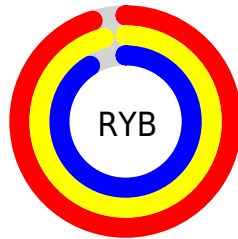
The CIELCh color **95, 4.607, 81.939** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 4.588, 263.591**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 4.851, 81.756** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.940, 80.723**, and if you desaturate by 10%, it is **98, 2.812, 256.478**.

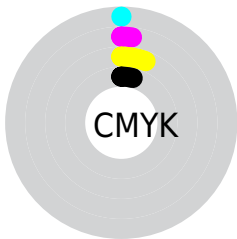
Distribution



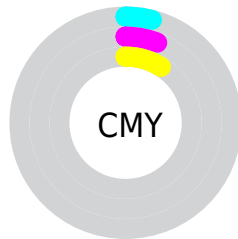
- Red (96%)
- Green (94%)
- Blue (91%)



- Red (95%)
- Yellow (96%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 4.607, 81.939 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, 4.607, 81.939 by changing the saturation by 10% instead.

95, 4.607, 81.939

95, 4.607, 81.939

100, 4.607, 81.939

85, 4.607, 81.939

75, 4.607, 81.939

65, 4.607, 81.939

55, 4.607, 81.939

45, 4.607, 81.939

35, 4.607, 81.939

25, 4.607, 81.939

15, 4.607, 81.939

5, 4.607, 81.939

95, 4.607, 81.939

95, 4.607, 81.939

92, 12.940, 80.723

98, 2.812, 256.478

89, 21.567, 79.401

99, 3.164, 199.414

86, 30.487, 78.040

83, 39.666, 76.645

80, 49.003, 75.205

77, 58.276, 73.687

74, 67.036, 72.009

72, 74.488, 70.003

69, 79.557, 67.388

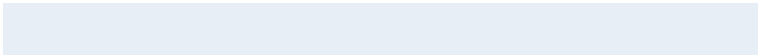
Harmonies

Complementary

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



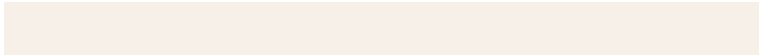
95, 4.607, 81.939



94, 4.588, 263.591

Rectangle

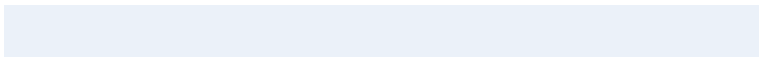
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 4.607, 81.939



95, 4.607, 131.939



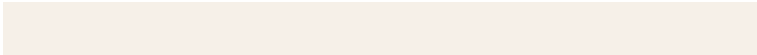
95, 4.607, 261.939



95, 4.607, 311.939

Sweetspot

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



95, 4.608, 81.970



99, 1.651, 82.290



93, 5.909, 347.822



53, 0.938, 82.291



0, 0.000, 0.000



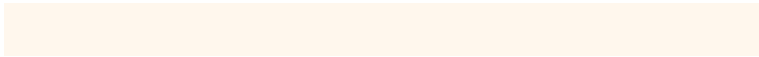
53, 0.007, 296.813

Same Dimension

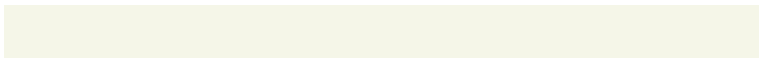
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 4.608, 81.970



98, 5.852, 81.816



96, 7.146, 112.305



50, 3.681, 81.747



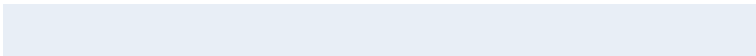
53, 65.731, 66.789



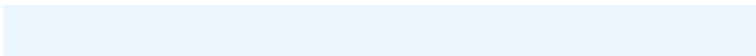
16, 24.841, 68.894

Inverse Universe

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



94, 4.588, 263.591



96, 5.810, 263.759



92, 7.255, 293.316



49, 3.650, 263.835



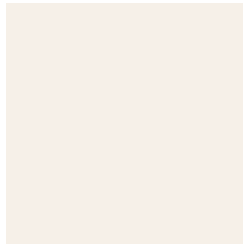
36, 65.555, 290.360



9, 25.167, 283.718

Previews

White Background



This preview shows how the CIE LCh color 95, 4.607, 81.939 looks on a white background.

Color Contrast Check

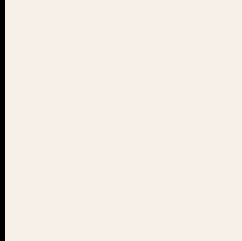
Large Text (above 18pt) WCAG AA × Fail

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, 4.607, 81.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

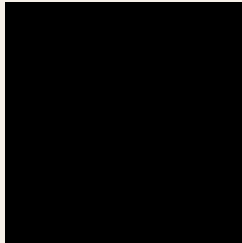
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

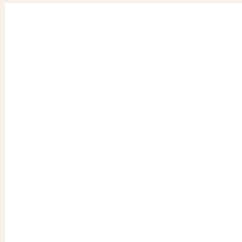
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.607, 81.939

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.607, 81.939.

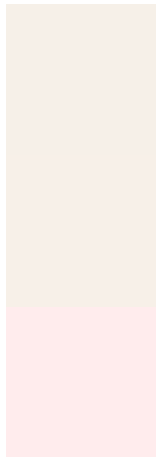


This preview shows how white text looks on a background with the CIELCh color 95, 4.607, 81.939.

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, 4.607, 81.939

Protanopia

95, 4.785, 78.099

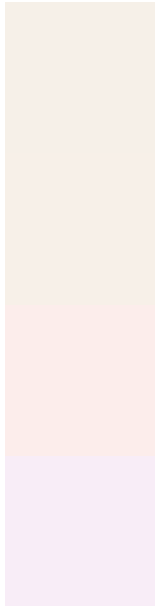
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 10.819, 315.524

Trichromacy



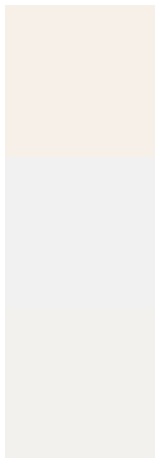
Original Color
95, 4.607, 81.939

Protanomaly
95, 4.785, 78.099

Deuteranomaly
95, 5.478, 30.408

Tritanomaly
95, 6.472, 327.203

Monochromacy



Original Color
95, 4.607, 81.939

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.677, 84.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.607, 81.939 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, 240, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 232)  
}
```

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, 240, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.607, 81.939 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, 240, 232) }
```

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

```
.border{ border-color:rgb(246, 240, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.607, 81.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 232) }
```

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

```
.background{ background-color: rgb(246,  
240, 232) }
```

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