

Converting Colors

CIELCh(95, 2.464, 61.183)

Have a look what the booklet for
CIELCh(95, 2.464, 61.183) contains.

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Color

CIELCh(95, 2.697, 68.580)

Conversions

Conversions Part 1

Format	Color
Hex	F5F0EC
RGB	245, 240, 236
RGB Percent	96%, 94%, 93%
CMY	0.0400, 0.0596, 0.0753
CMYK	0.00, 0.02, 0.04, 0.04
HSL	27°, 31%, 94%
HSV	27°, 4%, 96%
XYZ	83.7940, 87.6183, 91.6958
YIQ	241.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

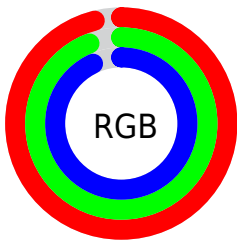
Format	Color
R _Y B	245, 243, 236
Decimal	16117996
CIE Lab	95.00, 0.98, 2.51
CIE LCh	95, 2.697, 68.580
Yxy	87.6183, 0.3185, 0.3330
Android (android.graphics.Color)	4294308076 (0xFF5F0EC)
YUV	241.0390, -2.4842, 3.4738
Hunter-Lab	93.6047, -4.0167, 7.4424

Details

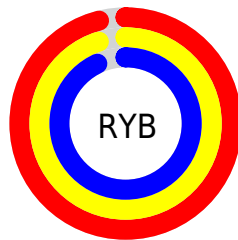
The CIELCh color `95, 2.697, 68.580` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 2.679, 249.832`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 2.841, 68.504` is the 20% darker color. If you saturate the color by 10%, you get `91, 10.333, 67.626`, and if you desaturate by 10%, it is `99, 3.070, 214.960`.

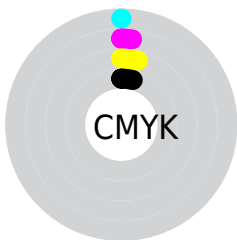
Distribution



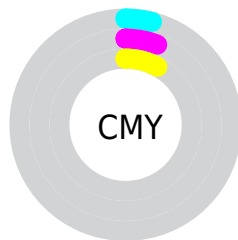
- Red (96%)
- Green (94%)
- Blue (93%)



- Red (96%)
- Yellow (95%)
- Blue (93%)



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



- Cyan (4%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.697, 68.580 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, 2.697, 68.580 by changing the saturation by 10% instead.

95, 2.697, 68.580

95, 2.697, 68.580

100, 2.697, 68.580

85, 2.697, 68.580

75, 2.697, 68.580

65, 2.697, 68.580

55, 2.697, 68.580

45, 2.697, 68.580

35, 2.697, 68.580

25, 2.697, 68.580

15, 2.697, 68.580

5, 2.697, 68.580

95, 2.697, 68.580

95, 2.697, 68.580

91, 10.333, 67.626

99, 3.070, 214.960

87, 18.407, 66.504

99, 3.527, 199.369

83, 26.951, 65.379

80, 35.978, 64.265

76, 45.456, 63.163

73, 55.262, 62.047

69, 65.086, 60.840

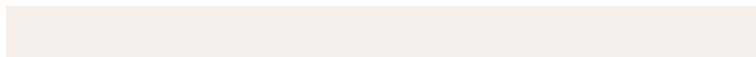
66, 74.270, 59.360

64, 81.655, 57.248

Harmonies

Complementary

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



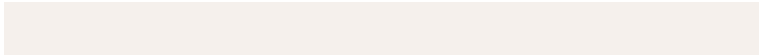
95, 2.697, 68.580



95, 2.679, 249.832

Rectangle

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



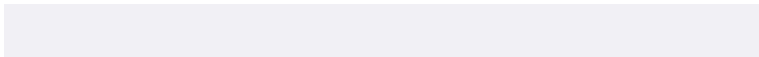
95, 2.697, 68.580



95, 2.697, 118.580



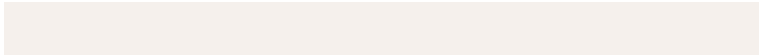
95, 2.697, 248.580



95, 2.697, 298.580

Sweetspot

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



95, 2.698, 68.635



100, 0.747, 68.456



94, 4.154, 340.403



53, 0.425, 68.427



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

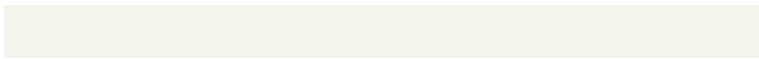
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.698, 68.635



98, 3.037, 68.612



96, 4.286, 106.968



50, 2.092, 68.554



48, 69.021, 56.263



14, 24.761, 55.844

Inverse Universe

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



95, 2.679, 249.832



98, 3.012, 249.858



94, 4.336, 287.770



50, 2.068, 249.922



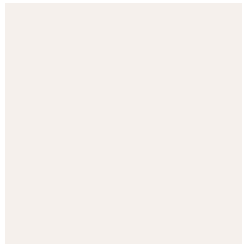
43, 50.998, 278.136



12, 20.119, 270.412

Previews

White Background



This preview shows how the CIE LCh color 95, 2.697, 68.580 looks on a white background.

Color Contrast Check

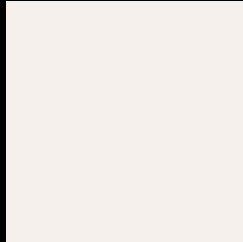
Large Text (above 18pt) WCAG AA × Fail

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, 2.697, 68.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

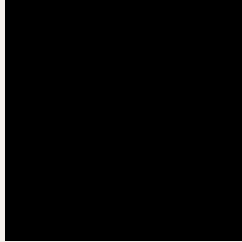
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

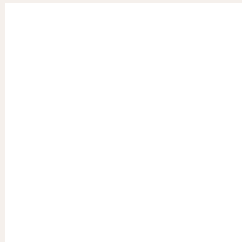
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.697, 68.580

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.697, 68.580.

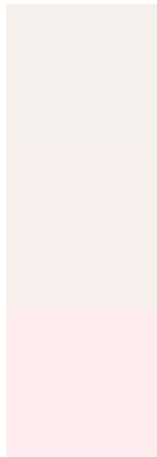


This preview shows how white text looks on a background with the CIELCh color 95, 2.697, 68.580.

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, 2.697, 68.580

Protanopia

95, 2.918, 51.086

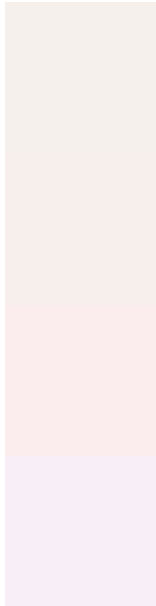
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 10.060, 313.130

Trichromacy



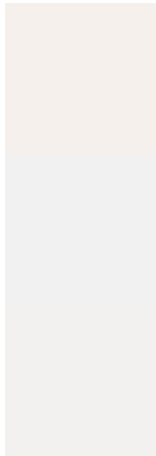
Original Color
95, 2.697, 68.580

Protanomaly
95, 2.918, 51.086

Deuteranomaly
95, 5.033, 13.787

Tritanomaly
95, 6.068, 321.866

Monochromacy



Original Color
95, 2.697, 68.580

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.071, 90.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.697, 68.580 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, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 236)  
}
```

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, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.697, 68.580 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, 240, 236) }
```

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

```
.border{ border-color:rgb(245, 240, 236) }
```

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

Here you see how a box with a 4 pixel rgb(245, 240, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.697, 68.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 236) }
```

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

```
.background{ background-color: rgb(245,  
240, 236) }
```

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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