

Converting Colors

CIELCh(95, 5.209, 88.963)

Have a look what the booklet for
CIELCh(95, 5.209, 88.963) contains.

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Color

CIELCh(95, 4.927, 88.398)

Conversions

Conversions Part 1

Format	Color
Hex	F5F0E7
RGB	245, 240, 231
RGB Percent	96%, 94%, 91%
CMY	0.0387, 0.0582, 0.0936
CMYK	0.00, 0.02, 0.06, 0.04
HSL	39°, 42%, 93%
HSV	39°, 6%, 96%
XYZ	83.3505, 87.6183, 88.2240
YIQ	240.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

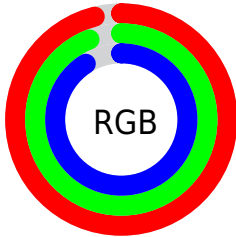
Format	Color
R_{YB}	239, 245, 231
Decimal	16117991
CIE _{Lab}	95.00, 0.14, 4.93
CIE _{LCh}	95, 4.927, 88.398
Yxy	87.6183, 0.3216, 0.3380
Android (android.graphics.Color)	4294308071 (0xFF5F0E7)
YUV	240.4690, -4.6682, 3.9737
Hunter-Lab	93.6047, -4.8623, 9.6414

Details

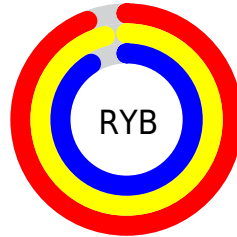
The CIELCh color **95, 4.927, 88.398** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.933, 269.999**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.186, 88.211** is the 20% darker color. If you saturate the color by 10%, you get **92, 13.743, 87.175**, and if you desaturate by 10%, it is **98, 3.363, 267.755**.

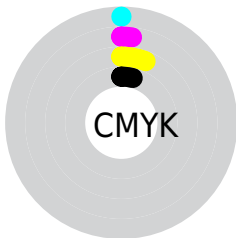
Distribution



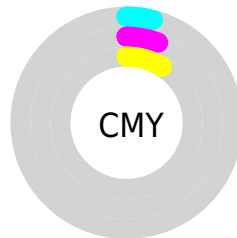
- Red (96%)
- Green (94%)
- Blue (91%)



- Red (94%)
- 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, 4.927, 88.398 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, 4.927, 88.398 by changing the saturation by 10% instead.

95, 4.927, 88.398

95, 4.927, 88.398

100, 4.927, 88.398

85, 4.927, 88.398

75, 4.927, 88.398

65, 4.927, 88.398

55, 4.927, 88.398

45, 4.927, 88.398

35, 4.927, 88.398

25, 4.927, 88.398

15, 4.927, 88.398

5, 4.927, 88.398

95, 4.927, 88.398

95, 4.927, 88.398

92, 13.743, 87.175

98, 3.363, 267.755

90, 22.769, 85.851

99, 3.408, 199.383

87, 31.985, 84.482

84, 41.329, 83.070

82, 50.667, 81.609

80, 59.730, 80.069

77, 68.022, 78.388

75, 74.739, 76.435

73, 78.909, 73.997

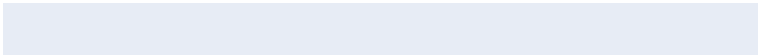
Harmonies

Complementary

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



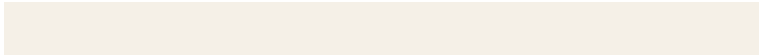
95, 4.927, 88.398



93, 4.933, 269.999

Rectangle

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



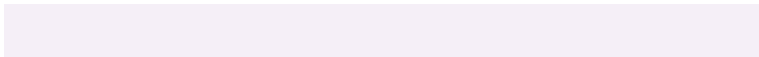
95, 4.927, 88.398



95, 4.927, 138.398



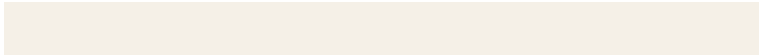
95, 4.927, 268.398



95, 4.927, 318.398

Sweetspot

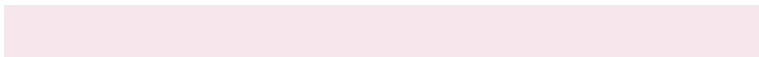
The Sweet Spot groups the original color and five complimentary colors.



95, 4.928, 88.425



99, 1.767, 88.777



93, 5.676, 351.940



53, 1.004, 88.780



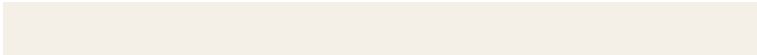
0, 0.000, 0.000



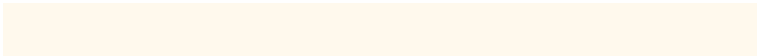
53, 0.007, 296.813

Same Dimension

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



95, 4.928, 88.425



98, 6.249, 88.271



96, 7.180, 114.972



50, 3.930, 88.202



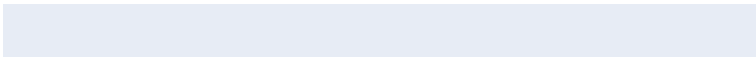
56, 65.124, 73.410



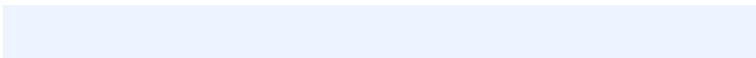
17, 25.476, 76.133

Inverse Universe

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



93, 4.933, 269.999



96, 6.245, 270.165



92, 7.287, 295.863



49, 3.925, 270.241



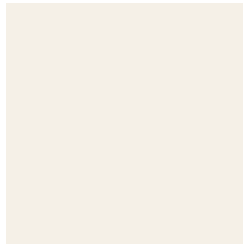
33, 74.366, 295.255



8, 28.395, 289.249

Previews

White Background



This preview shows how the CIE LCh color 95, 4.927, 88.398 looks on a white background.

Color Contrast Check

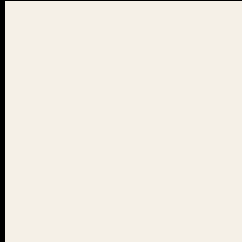
Large Text (above 18pt) WCAG AA × Fail

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, 4.927, 88.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

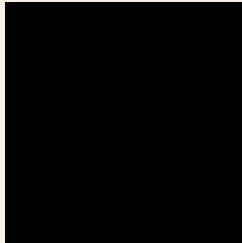
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

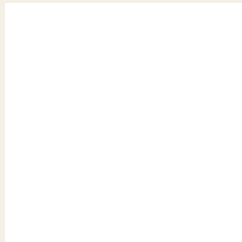
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 4.927, 88.398

Background



This preview shows how black text looks on a background with the CIELCh color 95, 4.927, 88.398.

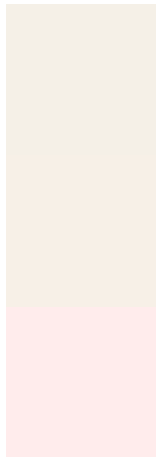


This preview shows how white text looks on a background with the CIELCh color 95, 4.927, 88.398.

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, 4.927, 88.398

Protanopia

95, 5.230, 80.980

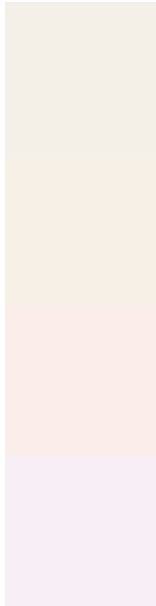
Deuteranopia

95, 6.829, 19.778



Tritanopia
95, 10.199, 314.943

Trichromacy



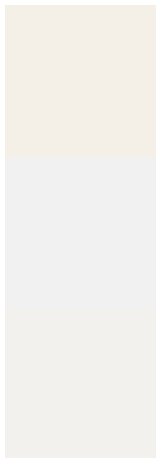
Original Color
95, 4.927, 88.398

Protanomaly
95, 5.068, 84.580

Deuteranomaly
95, 5.089, 43.272

Tritanomaly
95, 5.446, 330.712

Monochromacy



Original Color
95, 4.927, 88.398

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.152, 90.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 4.927, 88.398 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 4.927, 88.398 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, 231) }
```

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

```
.border{ border-color:rgb(245, 240, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 4.927, 88.398 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, 231) }
```

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

```
.background{ background-color: rgb(245,  
240, 231) }
```

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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