

Converting Colors

CIELCh(95, 3.165, 74.778)

Have a look what the booklet for
CIELCh(95, 3.165, 74.778) contains.

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Color

CIELCh(95, 3.102, 74.785)

Conversions

Conversions Part 1

Format	Color
Hex	F5F0EB
RGB	245, 240, 235
RGB Percent	96%, 94%, 92%
CMY	0.0397, 0.0593, 0.0790
CMYK	0.00, 0.02, 0.04, 0.04
HSL	30°, 33%, 94%
HSV	30°, 4%, 96%
XYZ	83.7044, 87.6183, 90.9947
YIQ	240.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

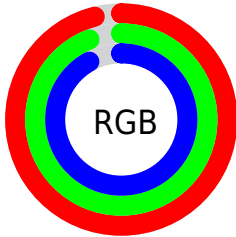
Format	Color
R _Y B	245, 245, 235
Decimal	16117995
CIE Lab	95.00, 0.81, 2.99
CIE LCh	95, 3.102, 74.785
Yxy	87.6183, 0.3191, 0.3340
Android (android.graphics.Color)	4294308075 (0xFF5F0EB)
YUV	240.9250, -2.9210, 3.5738
Hunter-Lab	93.6047, -4.1875, 7.8864

Details

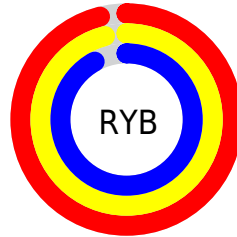
The CIELCh color **95, 3.102, 74.785** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 3.088, 256.115**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.267, 74.677** is the 20% darker color. If you saturate the color by 10%, you get **91, 10.969, 73.693**, and if you desaturate by 10%, it is **99, 2.887, 230.281**.

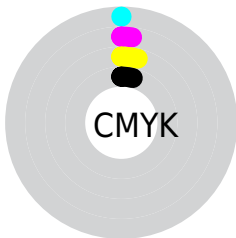
Distribution



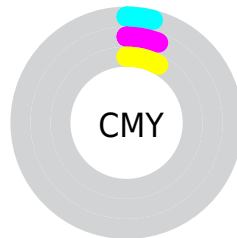
- Red (96%)
- Green (94%)
- Blue (92%)



- Red (96%)
- Yellow (96%)
- Blue (92%)



- 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, 3.102, 74.785 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, 3.102, 74.785 by changing the saturation by 10% instead.

 95, 3.102, 74.785

 95, 3.102, 74.785

 100, 3.102, 74.785

 85, 3.102, 74.785

 75, 3.102, 74.785

 65, 3.102, 74.785

 55, 3.102, 74.785

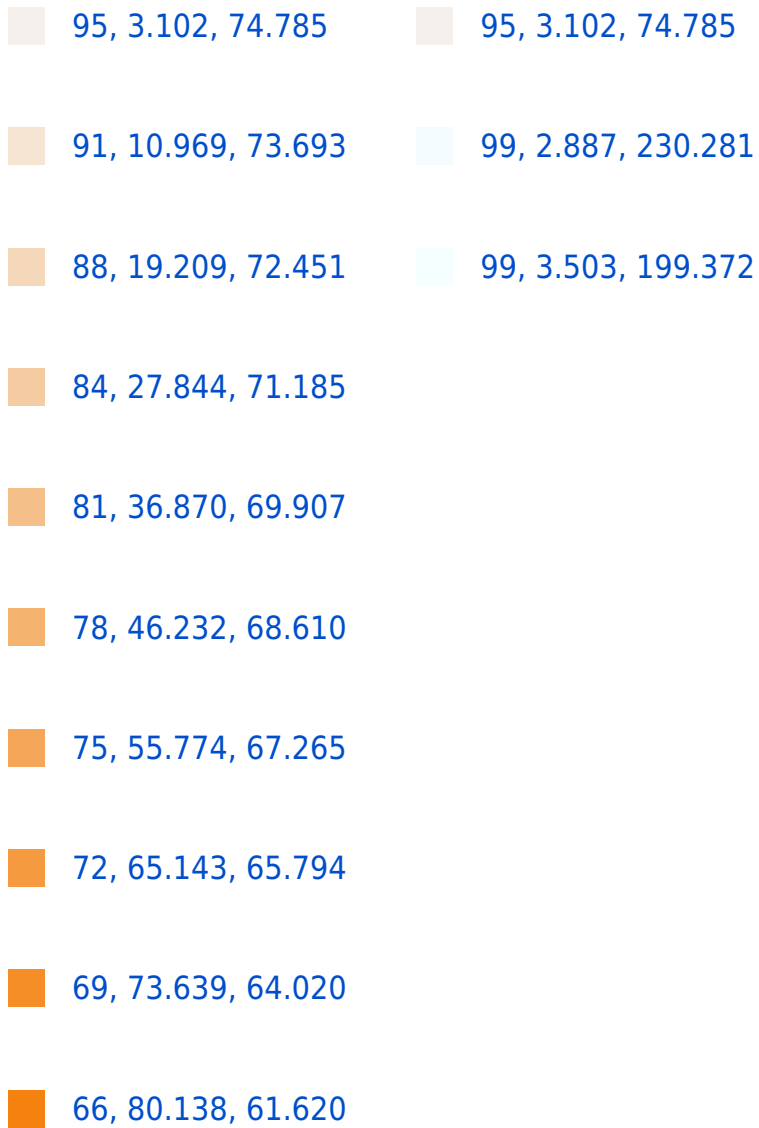
 45, 3.102, 74.785

 35, 3.102, 74.785

 25, 3.102, 74.785

 15, 3.102, 74.785

 5, 3.102, 74.785



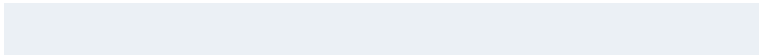
Harmonies

Complementary

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



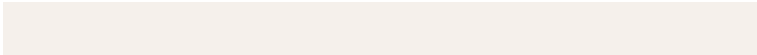
95, 3.102, 74.785



95, 3.088, 256.115

Rectangle

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



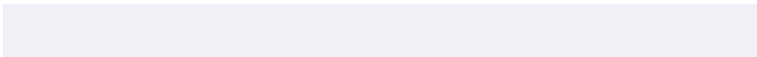
95, 3.102, 74.785



95, 3.102, 124.785



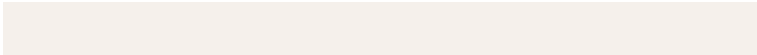
95, 3.102, 254.785



95, 3.102, 304.785

Sweetspot

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



95, 3.103, 74.832



100, 0.773, 74.775



94, 4.408, 343.880



53, 0.439, 74.751



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, 3.103, 74.832



98, 3.936, 74.744



96, 5.098, 109.770



50, 2.602, 74.674



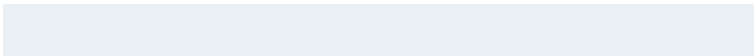
50, 67.285, 60.606



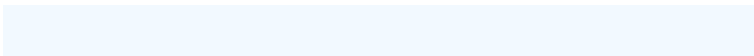
14, 24.632, 61.493

Inverse Universe

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



95, 3.088, 256.115



97, 3.904, 256.210



93, 5.165, 290.597



50, 2.574, 256.287



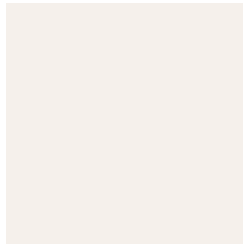
40, 57.091, 284.139



11, 22.185, 276.851

Previews

White Background



This preview shows how the CIE LCh color 95, 3.102, 74.785 looks on a white background.

Color Contrast Check

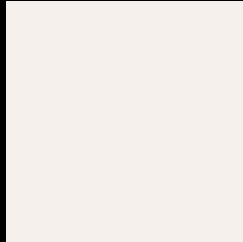
Large Text (above 18pt) WCAG AA × Fail

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, 3.102, 74.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

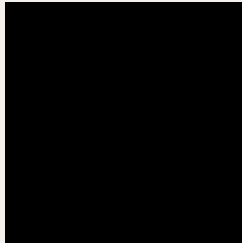
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

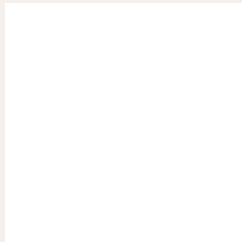
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.102, 74.785

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.102, 74.785.

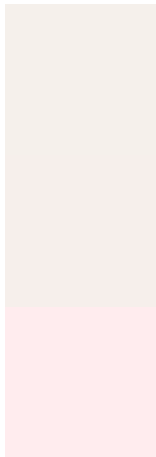


This preview shows how white text looks on a background with the CIELCh color 95, 3.102, 74.785.

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, 3.102, 74.785

Protanopia

95, 3.216, 58.875

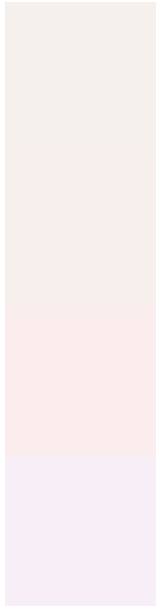
Deuteranopia

95, 6.891, 11.254



Tritanopia
95, 10.060, 313.130

Trichromacy



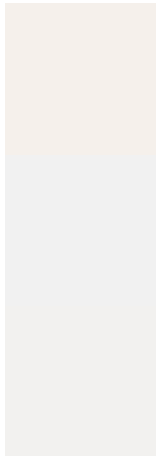
Original Color
95, 3.102, 74.785

Protanomaly
95, 3.216, 58.875

Deuteranomaly
95, 5.010, 19.619

Tritanomaly
95, 6.068, 321.866

Monochromacy



Original Color
95, 3.102, 74.785

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, 3.102, 74.785 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.102, 74.785 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, 235) }
```

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

```
.border{ border-color:rgb(245, 240, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.102, 74.785 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, 235) }
```

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

```
.background{ background-color: rgb(245,  
240, 235) }
```

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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