

Converting Colors

CIELCh(95, 2.073, 119.824)

Have a look what the booklet for
CIELCh(95, 2.073, 119.824) contains.

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Color

CIELCh(95, 2.075, 119.824)

Conversions

Conversions Part 1

Format	Color
Hex	F0F1ED
RGB	240, 241, 237
RGB Percent	94%, 95%, 93%
CMY	0.0585, 0.0546, 0.0703
CMYK	0.00, 0.00, 0.02, 0.05
HSL	75°, 13%, 94%
HSV	75°, 2%, 95%
XYZ	82.7409, 87.6183, 92.7346
YIQ	240.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

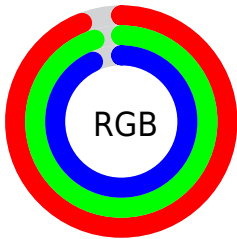
Format	Color
R _Y B	237, 241, 238
Decimal	15790573
CIE Lab	95.00, -1.03, 1.80
CIE LCh	95, 2.075, 119.824
Yxy	87.6183, 0.3145, 0.3330
Android (android.graphics.Color)	4293980653 (0xFFFF0F1ED)
YUV	240.2450, -1.5998, -0.2149
Hunter-Lab	93.6047, -6.0249, 6.7844

Details

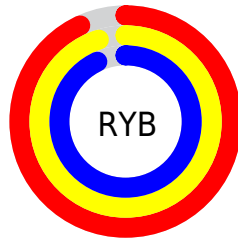
The CIELCh color **95, 2.075, 119.824** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 2.106, 300.026**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.183, 119.791** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.639, 119.215**, and if you desaturate by 10%, it is **96, 7.377, 304.403**.

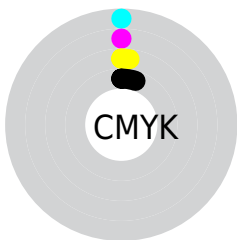
Distribution



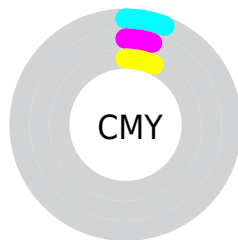
- Red (94%)
- Green (95%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.075, 119.824 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, 2.075, 119.824 by changing the saturation by 10% instead.

95, 2.075, 119.824

95, 2.075, 119.824

100, 2.075,
119.824

85, 2.075, 119.824

75, 2.075, 119.824

65, 2.075, 119.824

55, 2.075, 119.824

45, 2.075, 119.824

35, 2.075, 119.824

25, 2.075, 119.824

15, 2.075, 119.824

5, 2.075, 119.824

95, 2.075, 119.824

95, 2.075, 119.824

94, 14.639,
119.215

96, 7.377, 304.403

93, 27.127,
118.574

96, 8.154, 318.935

97, 8.670, 324.708

92, 39.439,
117.937

91, 51.422,
117.331

91, 62.848,
116.795

90, 73.372,
116.391

90, 82.517,
116.202

89, 89.705,
116.331

■ 89, 94.446,
116.876

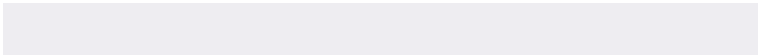
Harmonies

Complementary

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



95, 2.075, 119.824



94, 2.106, 300.026

Rectangle

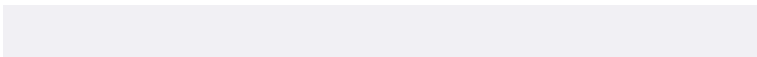
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



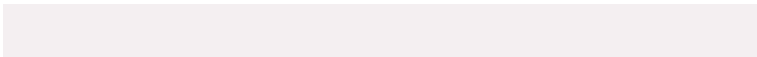
95, 2.075, 119.824



95, 2.075, 169.824



95, 2.075, 299.824



95, 2.075, 349.824

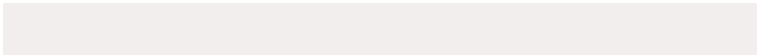
Sweetspot

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



95, 2.077, 119.855

100, 0.012, 296.813



94, 1.175, 44.828



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

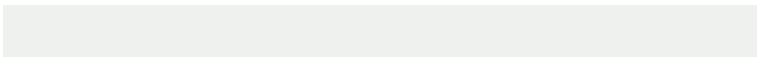
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 2.077, 119.855



100, 2.620, 119.831



95, 2.315, 137.321



50, 1.415, 119.839



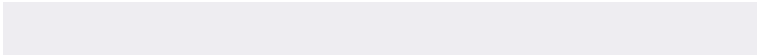
69, 78.726, 117.409



21, 32.832, 116.594

Inverse Universe

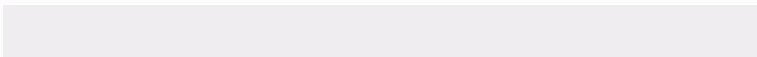
The Inverse Universe completely reimagines the original color for something new.



94, 2.106, 300.026



98, 2.653, 300.051



94, 2.338, 317.270



50, 1.434, 300.043



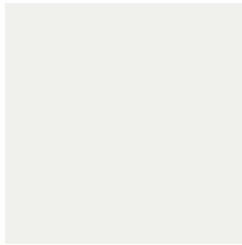
24, 102.262, 307.748



3, 38.582, 304.661

Previews

White Background



This preview shows how the CIE LCh color 95, 2.075, 119.824 looks on a white background.

Color Contrast Check

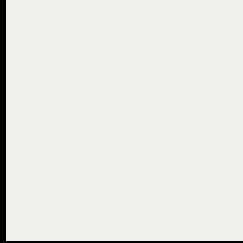
Large Text (above 18pt) WCAG AA × Fail

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, 2.075, 119.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

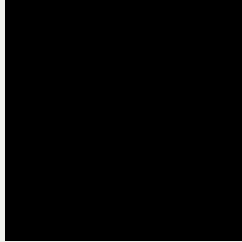
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

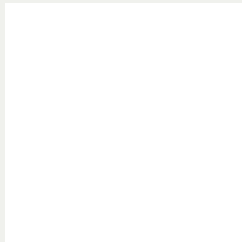
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.075, 119.824

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.075, 119.824.

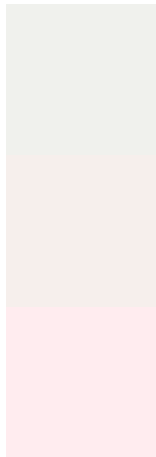


This preview shows how white text looks on a background with the CIELCh color 95, 2.075, 119.824.

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, 2.075, 119.824

Protanopia

95, 2.918, 51.086

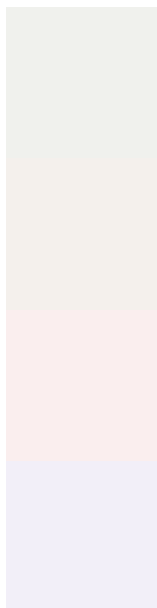
Deuteranopia

95, 6.980, 7.097



Tritanopia
95, 8.941, 301.971

Trichromacy



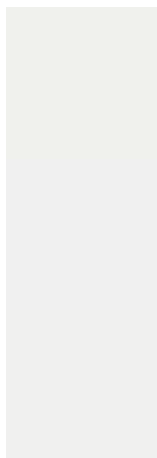
Original Color
95, 2.075, 119.824

Protanomaly
95, 2.477, 74.849

Deuteranomaly
95, 4.284, 19.547

Tritanomaly
95, 4.764, 303.231

Monochromacy



Original Color
95, 2.075, 119.824

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.502, 109.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.075, 119.824 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(240, 241, 237)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 237)  
}
```

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(240, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.075, 119.824 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(240, 241, 237) }
```

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

```
.border{ border-color:rgb(240, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(240, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.075, 119.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 237) }
```

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

```
.background{ background-color: rgb(240,  
241, 237) }
```

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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