

Converting Colors

CIELCh(95, 0.729, 13.905)

Have a look what the booklet for
CIELCh(95, 0.729, 13.905) contains.

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Color

CIELCh(95, 0.708, 18.559)

Conversions

Conversions Part 1

Format	Color
Hex	F2F0F0
RGB	242, 240, 240
RGB Percent	95%, 94%, 94%
CMY	0.0504, 0.0582, 0.0582
CMYK	0.00, 0.01, 0.01, 0.05
HSL	0°, 7%, 95%
HSV	0°, 1%, 95%
XYZ	83.6296, 87.6183, 95.0649
YIQ	240.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

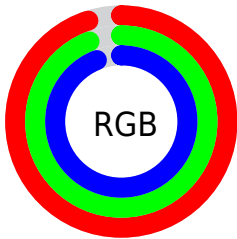
Format	Color
R _Y B	242, 240, 240
Decimal	15921392
CIE Lab	95.00, 0.67, 0.23
CIE LCh	95, 0.708, 18.559
Yxy	87.6183, 0.3140, 0.3290
Android (android.graphics.Color)	4294111472 (0xFF2F0F0)
YUV	240.5980, -0.2948, 1.2296
Hunter-Lab	93.6047, -4.3302, 5.3084

Details

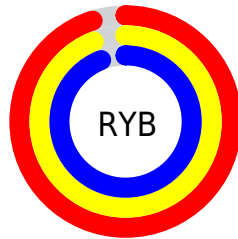
The CIELCh color **95, 0.708, 18.559** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 0.700, 200.442**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 0.745, 18.770** is the 20% darker color. If you saturate the color by 10%, you get **88, 9.623, 20.211**, and if you desaturate by 10%, it is **99, 4.429, 199.274**.

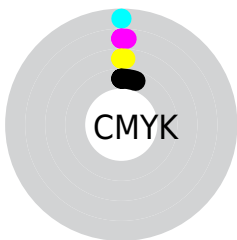
Distribution



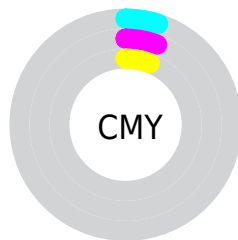
- Red (95%)
- Green (94%)
- Blue (94%)



- Red (95%)
- Yellow (94%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 0.708, 18.559 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, 0.708, 18.559 by changing the saturation by 10% instead.



95, 0.708, 18.559

95, 0.708, 18.559

88, 9.623, 20.211

99, 4.429, 199.274

82, 19.261, 21.083

76, 29.624, 22.189

70, 40.648, 23.631

65, 52.176, 25.519

60, 63.934, 27.962

56, 75.528, 31.018

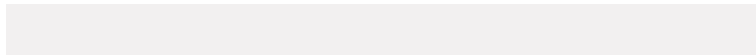
53, 86.379, 34.546

51, 95.339, 37.916

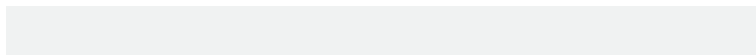
Harmonies

Complementary

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



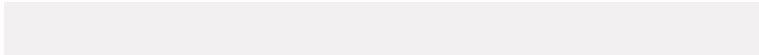
95, 0.708, 18.559



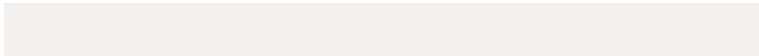
95, 0.700, 200.442

Rectangle

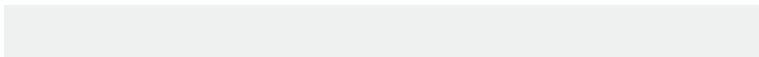
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



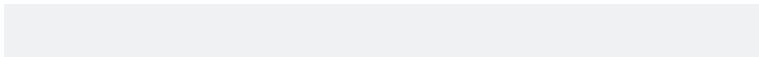
95, 0.708, 18.559



95, 0.708, 68.559



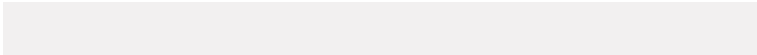
95, 0.708, 198.559



95, 0.708, 248.559

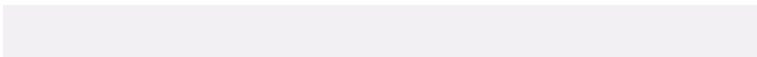
Sweetspot

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



95, 0.706, 18.727

100, 0.012, 296.813



95, 1.261, 324.252



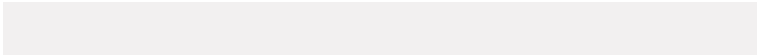
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

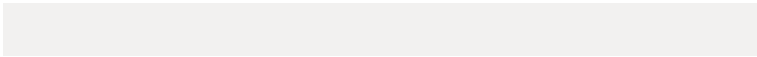
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 0.706, 18.727



99, 0.893, 18.897



95, 0.610, 74.624



50, 0.482, 18.850



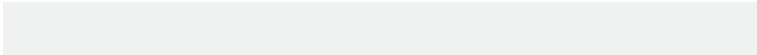
38, 81.674, 40.017



8, 29.791, 23.914

Inverse Universe

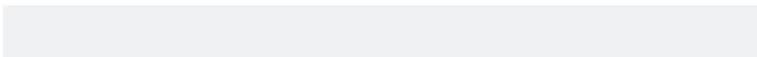
The Inverse Universe completely reimagines the original color for something new.



95, 0.700, 200.442



100, 0.884, 200.271



95, 0.626, 256.196



50, 0.478, 200.318



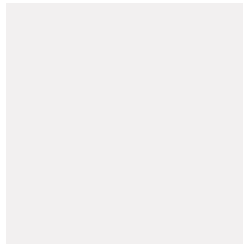
68, 39.041, 196.702



20, 17.050, 196.658

Previews

White Background



This preview shows how the CIELCh color 95, 0.708, 18.559 looks on a white background.

Color Contrast Check

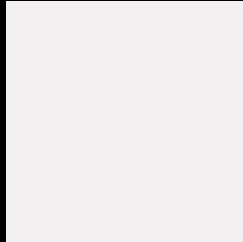
Large Text (above 18pt) WCAG AA × Fail

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, 0.708, 18.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

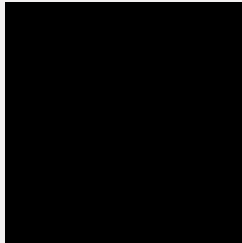
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

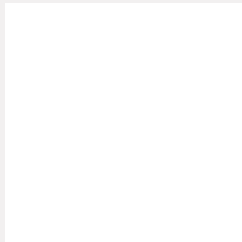
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 0.708, 18.559

Background



This preview shows how black text looks on a background with the CIELCh color 95, 0.708, 18.559.

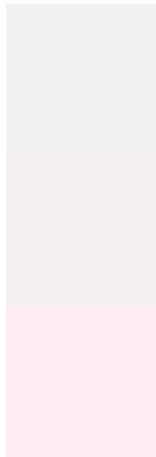


This preview shows how white text looks on a background with the CIELCh color 95, 0.708, 18.559.

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, 0.708, 18.559

Protanopia

95, 2.197, 5.766

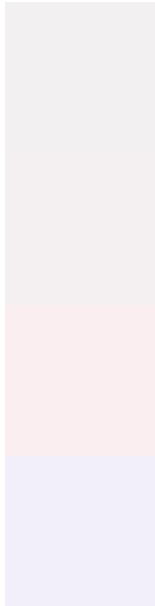
Deuteranopia

95, 7.263, 359.192



Tritanopia
95, 9.018, 304.126

Trichromacy



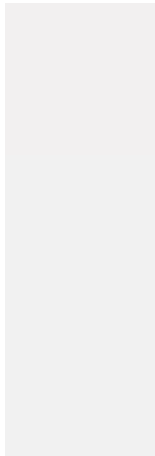
Original Color
95, 0.708, 18.559

Protanomaly
95, 1.853, 3.116

Deuteranomaly
95, 4.550, 359.838

Tritanomaly
95, 5.848, 304.386

Monochromacy



Original Color
95, 0.708, 18.559

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 0.011, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 0.708, 18.559 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(242, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 240, 240)  
}
```

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(242, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 0.708, 18.559 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(242, 240, 240) }
```

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

```
.border{ border-color:rgb(242, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 0.708, 18.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 240) }
```

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

```
.background{ background-color: rgb(242,  
240, 240) }
```

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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