

Converting Colors

CIELCh(95, 2.506, 24.520)

Have a look what the booklet for
CIELCh(95, 2.506, 24.520) contains.

CIELCh(95, 2.488, 19.319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 2.488, 19.319)

Conversions

Conversions Part 1

Format	Color
Hex	F6EFEF
RGB	246, 239, 239
RGB Percent	96%, 94%, 94%
CMY	0.0350, 0.0624, 0.0625
CMYK	0.00, 0.03, 0.03, 0.03
HSL	0°, 28%, 95%
HSV	0°, 3%, 97%
XYZ	84.5106, 87.6183, 94.1758
YIQ	241.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

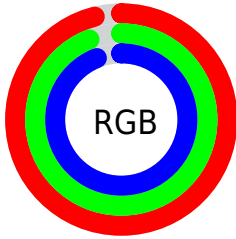
Format	Color
R _Y B	246, 239, 239
Decimal	16183279
CIE Lab	95.00, 2.35, 0.82
CIE LCh	95, 2.488, 19.319
Yxy	87.6183, 0.3173, 0.3290
Android (android.graphics.Color)	4294373359 (0xFF6E6E6E)
YUV	241.0930, -1.0318, 4.3034
Hunter-Lab	93.6047, -2.6501, 5.8715

Details

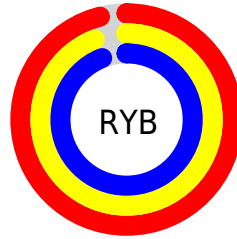
The CIELCh color **95, 2.488, 19.319** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 2.441, 199.561**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 2.619, 19.423** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.679, 20.260**, and if you desaturate by 10%, it is **99, 3.088, 199.424**.

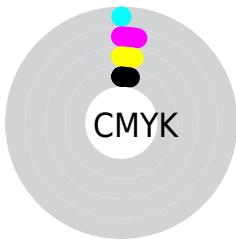
Distribution



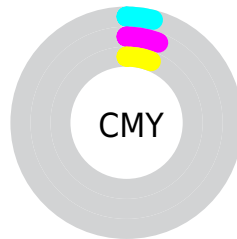
- Red (96%)
- Green (94%)
- Blue (94%)



- Red (96%)
- Yellow (94%)
- Blue (94%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 2.488, 19.319 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, 2.488, 19.319 by changing the saturation by 10% instead.



95, 2.488, 19.319

95, 2.488, 19.319

88, 11.679, 20.260

99, 3.088, 199.424

82, 21.607, 21.176

76, 32.263, 22.350

70, 43.564, 23.884

64, 55.324, 25.890

60, 67.240, 28.475

56, 78.880, 31.671

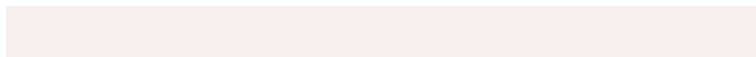
53, 89.589, 35.264

52, 97.984, 38.472

Harmonies

Complementary

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



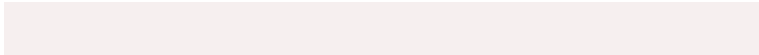
95, 2.488, 19.319



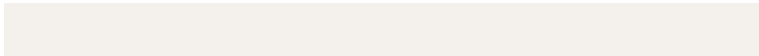
96, 2.441, 199.561

Rectangle

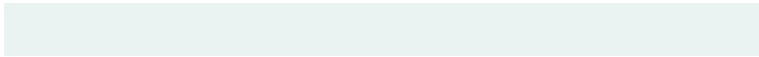
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 2.488, 19.319



95, 2.488, 69.319



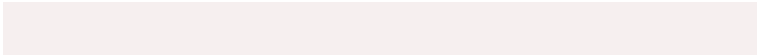
95, 2.488, 199.319



95, 2.488, 249.319

Sweetspot

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



95, 2.486, 19.368



99, 0.894, 18.777



95, 4.388, 324.530



53, 0.508, 18.736



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, 2.486, 19.368



98, 2.700, 19.392



96, 2.161, 74.875



50, 1.986, 19.492



39, 82.542, 40.006



8, 31.011, 25.039

Inverse Universe

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



96, 2.441, 199.561



99, 2.648, 199.538



96, 2.162, 255.969



51, 1.938, 199.443



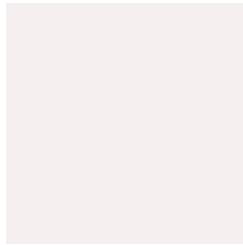
69, 39.526, 196.479



22, 17.576, 196.466

Previews

White Background



This preview shows how the CIE LCh color 95, 2.488, 19.319 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, 2.488, 19.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

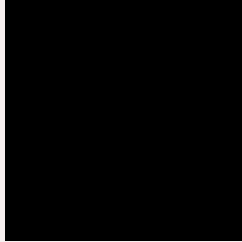
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

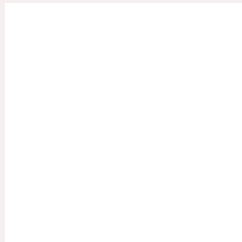
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 2.488, 19.319

Background



This preview shows how black text looks on a background with the CIELCh color 95, 2.488, 19.319.

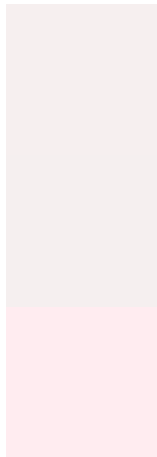


This preview shows how white text looks on a background with the CIELCh color 95, 2.488, 19.319.

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, 2.488, 19.319

Protanopia

95, 2.131, 19.252

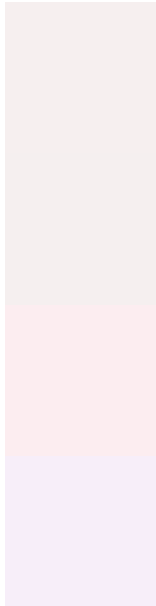
Deuteranopia

95, 7.104, 3.065



Tritanopia
95, 10.060, 313.130

Trichromacy



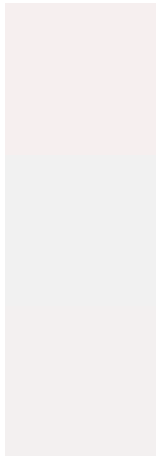
Original Color
95, 2.488, 19.319

Protanomaly
95, 2.131, 19.252

Deuteranomaly
95, 5.577, 3.691

Tritanomaly
95, 6.511, 319.512

Monochromacy



Original Color
95, 2.488, 19.319

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.063, 18.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 2.488, 19.319 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(246, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 239)  
}
```

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(246, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 2.488, 19.319 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(246, 239, 239) }
```

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

```
.border{ border-color:rgb(246, 239, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 2.488, 19.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 239) }
```

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

```
.background{ background-color: rgb(246,  
239, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor