

Converting Colors

CIELCh(95, 5.450, 309.219)

Have a look what the booklet for
CIELCh(95, 5.450, 309.219) contains.

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Color

CIELCh(95, 5.456, 309.220)

Conversions

Conversions Part 1

Format	Color
Hex	F4EFF9
RGB	244, 239, 249
RGB Percent	96%, 94%, 98%
CMY	0.0440, 0.0636, 0.0244
CMYK	0.02, 0.04, 0.00, 0.02
HSL	270°, 45%, 96%
HSV	270°, 4%, 98%
XYZ	85.0930, 87.6183, 101.8634
YIQ	241.6350, -0.2300, 4.1700

Conversions

Conversions Part 2

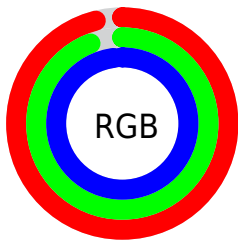
Format	Color
R _Y B	244, 239, 249
Decimal	16052217
CIE Lab	95.00, 3.45, -4.23
CIE LCh	95, 5.456, 309.220
Yxy	87.6183, 0.3099, 0.3191
Android (android.graphics.Color)	4294242297 (0xFF4EFF9)
YUV	241.6350, 3.6309, 2.0741
Hunter-Lab	93.6047, -1.5394, 1.0021

Details

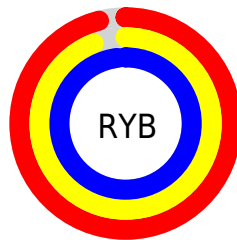
The CIELCh color `95, 5.456, 309.220` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.404, 128.912`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 5.731, 309.274` is the 20% darker color. If you saturate the color by 10%, you get `88, 19.287, 309.701`, and if you desaturate by 10%, it is `100, 3.146, 109.918`.

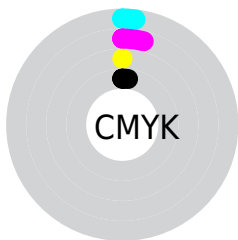
Distribution



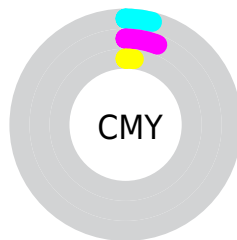
- Red (96%)
- Green (94%)
- Blue (98%)



- Red (96%)
- Yellow (94%)
- Blue (98%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (6%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.456, 309.220 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, 5.456, 309.220 by changing the saturation by 10% instead.

 95, 5.456, 309.220

 95, 5.456, 309.220

 100, 5.456,
309.220

 85, 5.456, 309.220

 75, 5.456, 309.220

 65, 5.456, 309.220

 55, 5.456, 309.220

 45, 5.456, 309.220

 35, 5.456, 309.220

 25, 5.456, 309.220

 15, 5.456, 309.220

 5, 5.456, 309.220

95, 5.456, 309.220

95, 5.456, 309.220

88, 19.287,
309.701

100, 3.146,
109.918

81, 33.498,
310.215

74, 48.004,
310.757

67, 62.644,
311.307

61, 77.123,
311.829

55, 90.952,
312.265

49, 103.382,
312.531

45, 113.434,
312.513

■ 41, 120.150,
312.096

Harmonies

Complementary

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



95, 5.456, 309.220



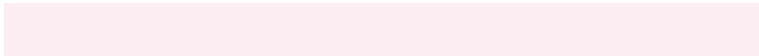
97, 5.404, 128.912

Rectangle

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



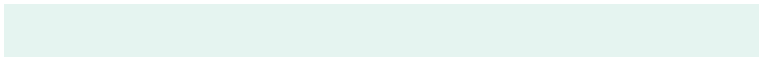
95, 5.456, 309.220



95, 5.456, 359.220



95, 5.456, 129.220



95, 5.456, 179.220

Sweetspot

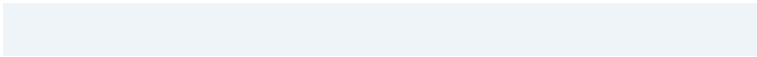
The Sweet Spot groups the original color and five complimentary colors.



95, 5.454, 309.213



99, 1.387, 309.003



96, 3.039, 254.233



53, 0.789, 308.996



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, 5.454, 309.213



96, 6.932, 309.263



95, 6.220, 324.168



50, 4.656, 309.297



30, 99.526, 311.876



6, 43.245, 312.681

Inverse Universe

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



95, 4.393, 343.863



97, 5.584, 343.967



97, 6.199, 143.824



50, 3.750, 344.037



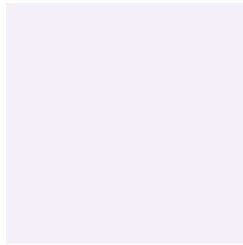
41, 67.575, 2.052



10, 31.067, 356.202

Previews

White Background



This preview shows how the CIELCh color 95, 5.456, 309.220 looks on a white background.

Color Contrast Check

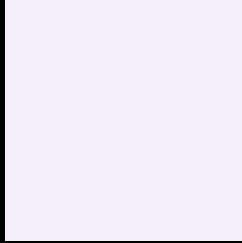
Large Text (above 18pt) WCAG AA × Fail

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, 5.456, 309.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

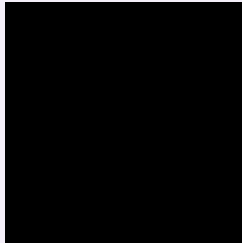
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

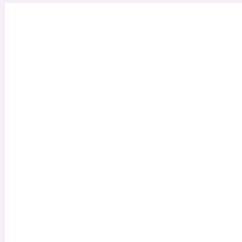
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.456, 309.220

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.456, 309.220.

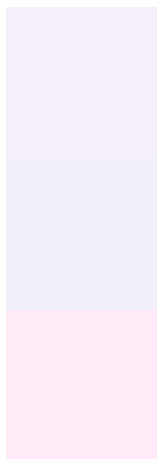


This preview shows how white text looks on a background with the CIELCh color 95, 5.456, 309.220.

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, 5.456, 309.220

Protanopia

95, 5.267, 302.023

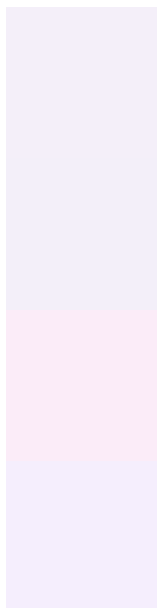
Deuteranopia

95, 9.757, 336.903



Tritanopia
95, 9.107, 306.246

Trichromacy



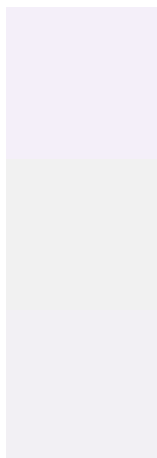
Original Color
95, 5.456, 309.220

Protanomaly
95, 5.351, 305.681

Deuteranomaly
95, 8.161, 330.856

Tritanomaly
95, 8.123, 308.152

Monochromacy



Original Color
95, 5.456, 309.220

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.189, 309.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.456, 309.220 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(244, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 249)  
}
```

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(244, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.456, 309.220 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(244, 239, 249) }
```

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

```
.border{ border-color:rgb(244, 239, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(244, 239,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.456, 309.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 249) }
```

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

```
.background{ background-color: rgb(244,  
239, 249) }
```

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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