

Converting Colors

CIELCh(95, 6.515, 308.677)

Have a look what the booklet for
CIELCh(95, 6.515, 308.677) contains.

CIELCh(95, 6.548, 309.259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 6.548, 309.259)

Conversions

Conversions Part 1

Format	Color
Hex	F4EEFA
RGB	244, 238, 250
RGB Percent	96%, 93%, 98%
CMY	0.0415, 0.0651, 0.0180
CMYK	0.02, 0.05, 0.00, 0.02
HSL	270°, 57%, 96%
HSV	270°, 5%, 98%
XYZ	85.4612, 87.6183, 103.1863
YIQ	241.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

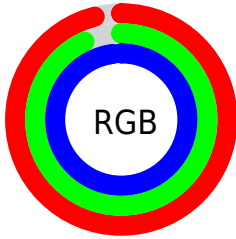
Format	Color
R_{YB}	244, 238, 250
Decimal	16051962
CIE _{Lab}	95.00, 4.14, -5.07
CIE _{LCh}	95, 6.548, 309.259
Y _{xy}	87.6183, 0.3093, 0.3172
Android (android.graphics.Color)	4294242042 (0xFFFF4EEFA)
YUV	241.1620, 4.3571, 2.4889
Hunter-Lab	93.6047, -0.8374, 0.1642

Details

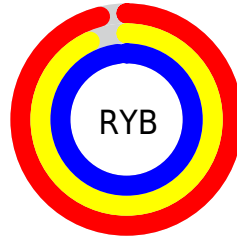
The CIELCh color `95, 6.548, 309.259` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 6.484, 128.875`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.879, 309.322` is the 20% darker color. If you saturate the color by 10%, you get `88, 20.484, 309.741`, and if you desaturate by 10%, it is `100, 2.317, 109.972`.

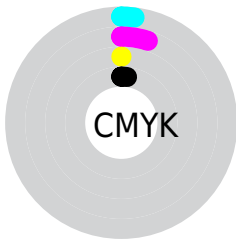
Distribution



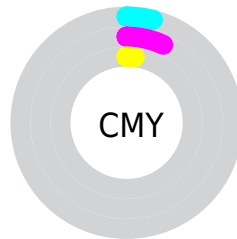
- Red (96%)
- Green (93%)
- Blue (98%)



- Red (96%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 6.548, 309.259 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, 6.548, 309.259 by changing the saturation by 10% instead.

 95, 6.548, 309.259

 95, 6.548, 309.259

 100, 6.548,
309.259

 85, 6.548, 309.259

 75, 6.548, 309.259

 65, 6.548, 309.259

 55, 6.548, 309.259

 45, 6.548, 309.259

 35, 6.548, 309.259

 25, 6.548, 309.259

 15, 6.548, 309.259

 5, 6.548, 309.259

95, 6.548, 309.259

95, 6.548, 309.259

88, 20.484,
309.741

100, 2.317,
109.972

81, 34.798,
310.258

74, 49.399,
310.801

67, 64.117,
311.351

61, 78.643,
311.868

54, 92.464,
312.295

49, 104.808,
312.542

45, 114.676,
312.496

■ 41, 121.128,
312.044

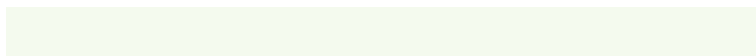
Harmonies

Complementary

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



95, 6.548, 309.259



98, 6.484, 128.875

Rectangle

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



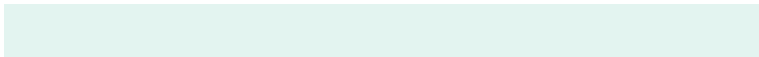
95, 6.548, 309.259



95, 6.548, 359.259



95, 6.548, 129.259



95, 6.548, 179.259

Sweetspot

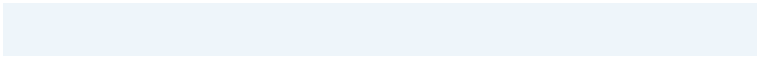
The Sweet Spot groups the original color and five complimentary colors.



95, 6.546, 309.253



99, 1.387, 309.005



96, 3.641, 254.309



53, 0.789, 308.997



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, 6.546, 309.253



96, 8.329, 309.313



95, 7.462, 324.218



50, 5.439, 309.344



30, 99.526, 311.877



6, 43.245, 312.682

Inverse Universe

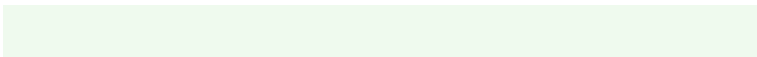
The Inverse Universe completely reimagines the original color for something new.



95, 5.272, 343.947



96, 6.708, 344.069



97, 7.440, 143.772



50, 4.380, 344.131



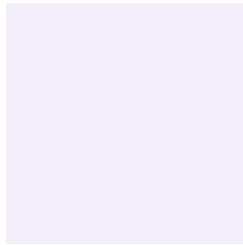
41, 67.574, 2.055



10, 31.066, 356.205

Previews

White Background



This preview shows how the CIE LCh color 95, 6.548, 309.259 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, 6.548, 309.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

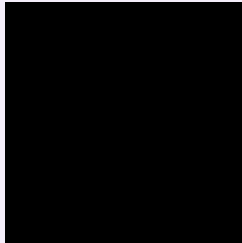
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

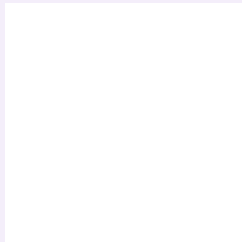
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 6.548, 309.259

Background



This preview shows how black text looks on a background with the CIELCh color 95, 6.548, 309.259.

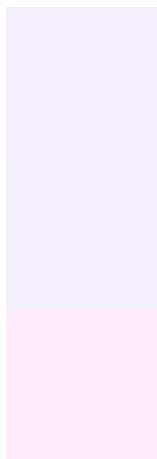


This preview shows how white text looks on a background with the CIELCh color 95, 6.548, 309.259.

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, 6.548, 309.259

Protanopia

95, 6.277, 300.207

Deuteranopia

95, 10.113, 334.785



Tritanopia
95, 9.107, 306.246

Trichromacy



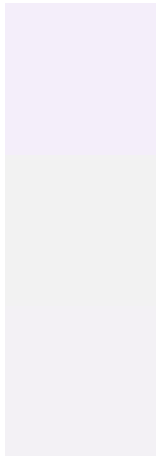
Original Color
95, 6.548, 309.259

Protanomaly
95, 6.348, 303.300

Deuteranomaly
95, 8.962, 326.589

Tritanomaly
95, 8.123, 308.152

Monochromacy



Original Color
95, 6.548, 309.259

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.188, 309.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 6.548, 309.259 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, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 250)  
}
```

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, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 6.548, 309.259 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, 238, 250) }
```

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

```
.border{ border-color:rgb(244, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 238,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 6.548, 309.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 250) }
```

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

```
.background{ background-color: rgb(244,  
238, 250) }
```

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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