

Converting Colors

CIELCh(96, 23.335, 292.584)

Have a look what the booklet for
CIELCh(96, 23.335, 292.584)
contains.

CIELCh(95, 7.711, 290.782)	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, 7.711, 290.782)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFFE
RGB	239, 239, 254
RGB Percent	94%, 94%, 100%
CMY	0.0609, 0.0609, 0.0021
CMYK	0.06, 0.06, 0.00, 0.00
HSL	240°, 93%, 97%
HSV	240°, 6%, 100%
XYZ	84.7154, 87.6183, 106.5941
YIQ	240.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

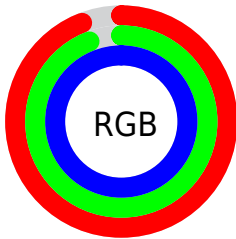
Format	Color
R_{YB}	239, 239, 254
Decimal	15724542
CIE _{Lab}	95.00, 2.74, -7.21
CIE _{LCh}	95, 7.711, 290.782
Yxy	87.6183, 0.3037, 0.3141
Android (android.graphics.Color)	4293914622 (0xFFEFEFEE)
YUV	240.7100, 6.5520, -1.4997
Hunter-Lab	93.6047, -2.2595, -1.9943

Details

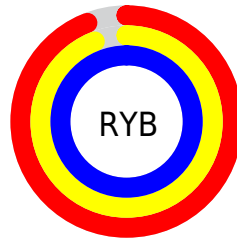
The CIELCh color **95, 7.711, 290.782** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 7.590, 109.588**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.570, 290.899** is the 20% darker color. If you saturate the color by 10%, you get **87, 21.203, 291.920**, and if you desaturate by 10%, it is **100, 0.265, 109.866**.

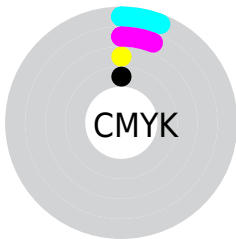
Distribution



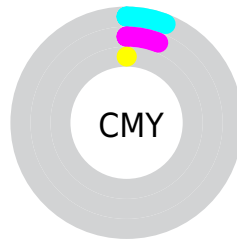
- Red (94%)
- Green (94%)
- Blue (100%)



- Red (94%)
- Yellow (94%)
- Blue (100%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.711, 290.782 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, 7.711, 290.782 by changing the saturation by 10% instead.

95, 7.711, 290.782

95, 7.711, 290.782

100, 7.711,
290.782

85, 7.711, 290.782

75, 7.711, 290.782

65, 7.711, 290.782

55, 7.711, 290.782

45, 7.711, 290.782

35, 7.711, 290.782

25, 7.711, 290.782

15, 7.711, 290.782

5, 7.711, 290.782

95, 7.711, 290.782

95, 7.711, 290.782

87, 21.203,
291.920

100, 0.265,
109.866

79, 35.279,
293.283

70, 49.974,
294.886

62, 65.293,
296.744

54, 81.130,
298.838

47, 97.092,
301.073

41, 112.179,
303.240

36, 124.504,
305.005

■ 33,131.820,
306.038

Harmonies

Complementary

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



95, 7.711, 290.782



99, 7.590, 109.588

Rectangle

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



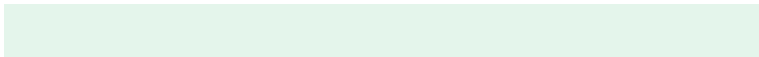
95, 7.711, 290.782



95, 7.711, 340.782



95, 7.711, 110.782



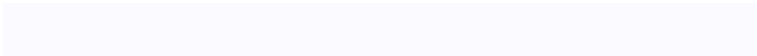
95, 7.711, 160.782

Sweetspot

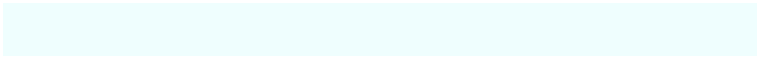
The Sweet Spot groups the original color and five complimentary colors.



95, 7.709, 290.773



98, 2.608, 290.393



99, 5.168, 197.792



52, 1.483, 290.384



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, 7.709, 290.773



94, 9.192, 290.890



96, 8.137, 308.734



50, 5.980, 290.954



23, 107.769, 306.284



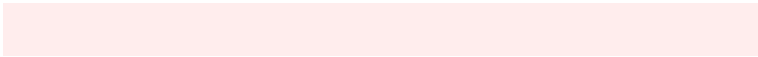
3, 44.119, 301.754

Inverse Universe

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



96, 5.358, 19.626



95, 6.404, 19.720



99, 8.052, 128.238



50, 4.171, 19.769



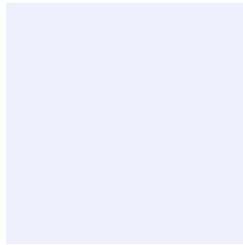
40, 84.218, 39.990



10, 33.365, 27.166

Previews

White Background



This preview shows how the CIE LCh color 95, 7.711, 290.782 looks on a white background.

Color Contrast Check

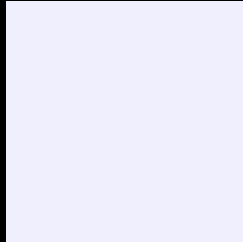
Large Text (above 18pt) WCAG AA × Fail

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, 7.711, 290.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

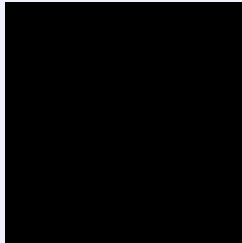
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.711, 290.782

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.711, 290.782.



This preview shows how white text looks on a background with the CIELCh color 95, 7.711, 290.782.

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, 7.717, 290.784

Protanopia

95, 7.757, 295.880

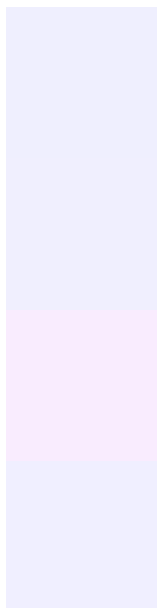
Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 8.243, 293.212

Trichromacy



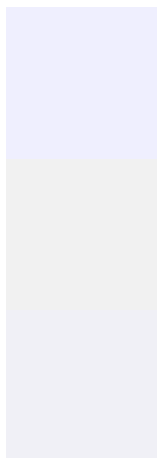
Original Color
95, 7.717, 290.784

Protanomaly
95, 7.730, 293.336

Deuteranomaly
95, 10.356, 316.711

Tritanomaly
95, 8.243, 293.212

Monochromacy



Original Color
95, 7.717, 290.784

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.091, 290.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.711, 290.782 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(239, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 254)  
}
```

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(239, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.711, 290.782 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(239, 239, 254) }
```

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

```
.border{ border-color:rgb(239, 239, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.711, 290.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 254) }
```

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

```
.background{ background-color: rgb(239,  
239, 254) }
```

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