

Converting Colors

CIE LCh(95, 8.178, 296.170)

Have a look what the booklet for
CIELCh(95, 8.178, 296.170) contains.

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Color

CIELCh(95, 8.269, 295.594)

Conversions

Conversions Part 1

Format	Color
Hex	F1EFFF
RGB	241, 239, 255
RGB Percent	95%, 94%, 100%
CMY	0.0551, 0.0629, 0.0002
CMYK	0.05, 0.06, 0.00, 0.00
HSL	247°, 99%, 97%
HSV	247°, 6%, 100%
XYZ	85.1579, 87.6183, 106.9945
YIQ	241.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

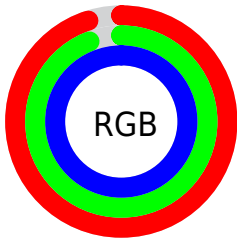
Format	Color
R _Y B	241, 239, 255
Decimal	15855615
CIE Lab	95.00, 3.57, -7.46
CIE LCh	95, 8.269, 295.594
Yxy	87.6183, 0.3044, 0.3132
Android (android.graphics.Color)	4294045695 (0xFFFF1EFFF)
YUV	241.4220, 6.6940, -0.3701
Hunter-Lab	93.6047, -1.4159, -2.2479

Details

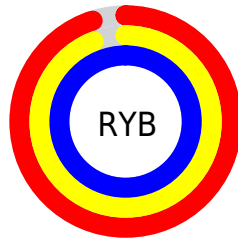
The CIELCh color `95, 8.269, 295.594` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.137, 114.587`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.152, 296.011` is the 20% darker color. If you saturate the color by 10%, you get `87, 21.861, 296.503`, and if you desaturate by 10%, it is `100, 0.010, 102.395`.

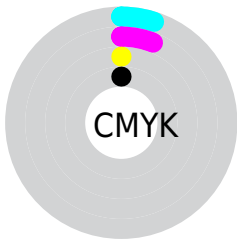
Distribution



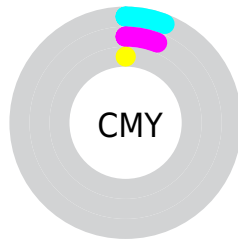
- Red (95%)
- Green (94%)
- Blue (100%)



- Red (95%)
- Yellow (94%)
- Blue (100%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.269, 295.594 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, 8.269, 295.594 by changing the saturation by 10% instead.

 95, 8.269, 295.594

 95, 8.269, 295.594

 100, 8.269,
295.594

 85, 8.269, 295.594

 75, 8.269, 295.594

 65, 8.269, 295.594

 55, 8.269, 295.594

 45, 8.269, 295.594

 35, 8.269, 295.594

 25, 8.269, 295.594

 15, 8.269, 295.594

 5, 8.269, 295.594

95, 8.269, 295.594

95, 8.269, 295.594

87, 21.861,
296.503

100, 0.010,
102.395

79, 36.017,
297.573

71, 50.748,
298.807

63, 66.018,
300.208

55, 81.670,
301.749

48, 97.273,
303.352

42, 111.887,
304.856

37, 123.861,
306.009

■ 34, 131.243,
306.547

Harmonies

Complementary

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



95, 8.269, 295.594



99, 8.137, 114.587

Rectangle

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



95, 8.269, 295.594



95, 8.269, 345.594



95, 8.269, 115.594



95, 8.269, 165.594

Sweetspot

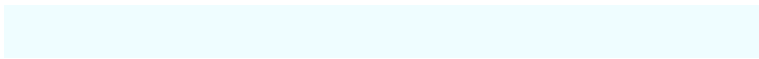
The Sweet Spot groups the original color and five complimentary colors.



95, 8.267, 295.586



98, 2.622, 295.241



98, 4.934, 210.369



52, 1.491, 295.233



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, 8.267, 295.586



94, 10.576, 295.734



96, 8.944, 313.278



49, 7.538, 295.867



24, 107.019, 306.728



4, 44.411, 304.172

Inverse Universe

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



96, 9.152, 328.369



95, 11.685, 328.480



99, 8.870, 132.795



50, 8.312, 328.575



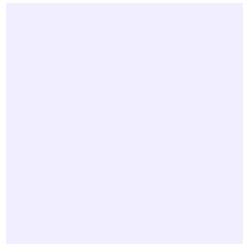
44, 84.392, 333.932



12, 39.282, 333.162

Previews

White Background



This preview shows how the CIELCh color 95, 8.269, 295.594 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, 8.269, 295.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

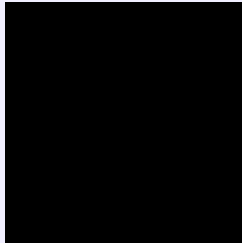
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.269, 295.594

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.269, 295.594.



This preview shows how white text looks on a background with the CIELCh color 95, 8.269, 295.594.

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, 8.269, 295.594

Protanopia

95, 8.269, 295.594

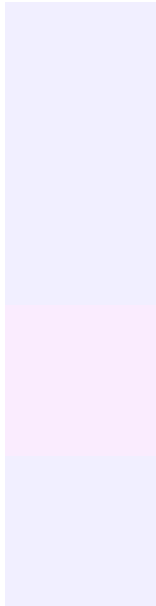
Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 8.269, 295.594

Trichromacy



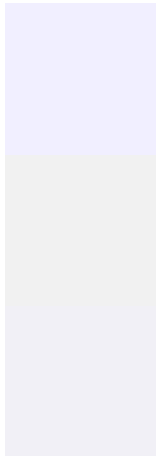
Original Color
95, 8.269, 295.594

Protanomaly
95, 8.269, 295.594

Deuteranomaly
95, 10.515, 318.429

Tritanomaly
95, 8.269, 295.594

Monochromacy



Original Color
95, 8.269, 295.594

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.115, 296.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.269, 295.594 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(241, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 255)  
}
```

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(241, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.269, 295.594 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(241, 239, 255) }
```

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

```
.border{ border-color:rgb(241, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 239, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 239, 255); box-shadow:4px 4px 4px 4px rgb(241, 239, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.269, 295.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 239, 255) }
```

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

```
.background{ background-color: rgb(241,  
239, 255) }
```

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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