

Converting Colors

CIELCh(96, 23.402, 295.265)

Have a look what the booklet for
CIELCh(96, 23.402, 295.265)
contains.

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Color

CIELCh(95, 8.364, 300.308)

Conversions

Conversions Part 1

Format	Color
Hex	F3EFFF
RGB	243, 239, 255
RGB Percent	95%, 94%, 100%
CMY	0.0489, 0.0646, 0.0019
CMYK	0.05, 0.06, 0.00, 0.00
HSL	255°, 94%, 97%
HSV	255°, 6%, 100%
XYZ	85.5021, 87.6183, 106.6127
YIQ	242.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

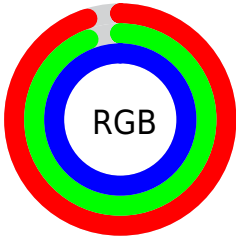
Format	Color
R_{YB}	243, 239, 255
Decimal	15986687
CIE _{Lab}	95.00, 4.22, -7.22
CIE _{LCh}	95, 8.364, 300.308
Yxy	87.6183, 0.3057, 0.3132
Android (android.graphics.Color)	4294176767 (0xFFFF3EFFF)
YUV	242.0200, 6.3991, 0.8595
Hunter-Lab	93.6047, -0.7593, -2.0061

Details

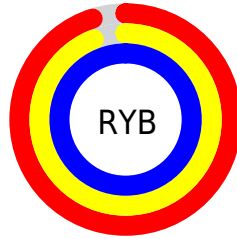
The CIELCh color `95, 8.364, 300.308` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 8.240, 119.516`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.256, 301.008` is the 20% darker color. If you saturate the color by 10%, you get `87, 22.065, 301.025`, and if you desaturate by 10%, it is `100, 0.229, 109.823`.

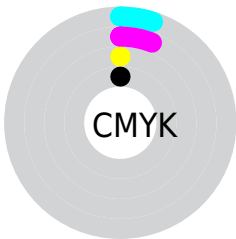
Distribution



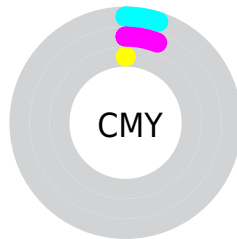
- Red (95%)
- Green (94%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.364, 300.308 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, 8.364, 300.308 by changing the saturation by 10% instead.

 95, 8.364, 300.308

 95, 8.364, 300.308

 100, 8.364,
300.308

 85, 8.364, 300.308

 75, 8.364, 300.308

 65, 8.364, 300.308

 55, 8.364, 300.308

 45, 8.364, 300.308

 35, 8.364, 300.308

 25, 8.364, 300.308

 15, 8.364, 300.308

 5, 8.364, 300.308

95, 8.364, 300.308

95, 8.364, 300.308

87, 22.065,
301.025

100, 0.229,
109.823

80, 36.283,
301.850

72, 50.999,
302.781

64, 66.132,
303.808

57, 81.471,
304.898

50, 96.552,
305.981

44, 110.492,
306.927

39, 121.883,
307.544

■ 35,129.145,
307.628

Harmonies

Complementary

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



95, 8.364, 300.308



99, 8.240, 119.516

Rectangle

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



95, 8.364, 300.308



95, 8.364, 350.308



95, 8.364, 120.308



95, 8.364, 170.308

Sweetspot

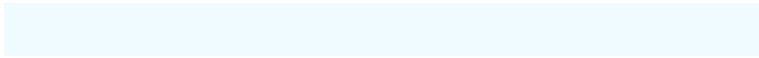
The Sweet Spot groups the original color and five complimentary colors.



95, 8.362, 300.301



98, 2.652, 300.013



98, 4.596, 223.813



53, 1.508, 300.006



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, 8.362, 300.301



94, 10.695, 300.419



96, 9.217, 317.021



49, 7.621, 300.524



25, 105.465, 307.714



4, 44.657, 306.576

Inverse Universe

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



96, 8.375, 332.696



95, 10.694, 332.820



99, 9.161, 136.532



50, 7.608, 332.926



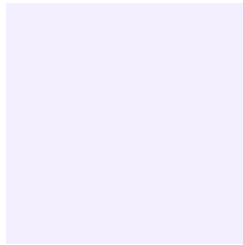
43, 76.859, 341.387



11, 36.126, 339.419

Previews

White Background



This preview shows how the CIELCh color 95, 8.364, 300.308 looks on a white background.

Color Contrast Check

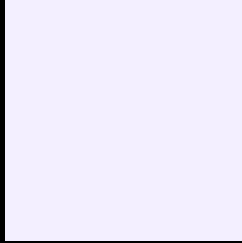
Large Text (above 18pt) WCAG AA × Fail

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, 8.364, 300.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

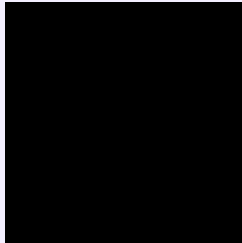
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.364, 300.308

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.364, 300.308.



This preview shows how white text looks on a background with the CIELCh color 95, 8.364, 300.308.

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, 8.364, 300.308

Protanopia

95, 8.269, 295.594

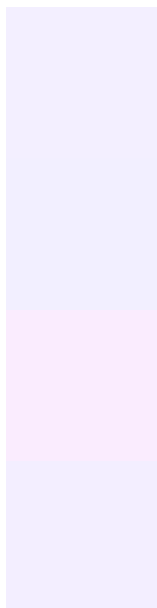
Deuteranopia

95, 12.691, 326.181



Tritanopia
95, 8.941, 301.971

Trichromacy



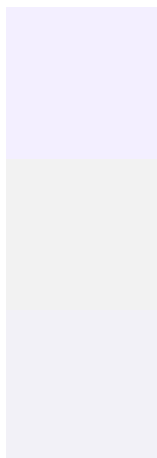
Original Color
95, 8.364, 300.308

Protanomaly
95, 8.309, 297.962

Deuteranomaly
95, 10.515, 318.429

Tritanomaly
95, 8.941, 301.971

Monochromacy



Original Color
95, 8.364, 300.308

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.113, 296.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.364, 300.308 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(243, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.364, 300.308 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(243, 239, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 239,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.364, 300.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 239, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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