

Converting Colors

CIELCh(95, 3.883, 300.088)

Have a look what the booklet for
CIELCh(95, 3.883, 300.088) contains.

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Color

CIELCh(95, 3.626, 295.999)

Conversions

Conversions Part 1

Format	Color
Hex	F1F0F7
RGB	241, 240, 247
RGB Percent	95%, 94%, 97%
CMY	0.0555, 0.0594, 0.0319
CMYK	0.02, 0.03, 0.00, 0.03
HSL	249°, 30%, 95%
HSV	249°, 3%, 97%
XYZ	84.1113, 87.6183, 100.3588
YIQ	241.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

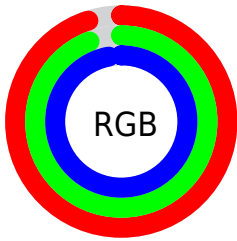
Format	Color
R _Y B	241, 240, 247
Decimal	15855863
CIE Lab	95.00, 1.59, -3.26
CIE LCh	95, 3.626, 295.999
Yxy	87.6183, 0.3091, 0.3220
Android (android.graphics.Color)	4294045943 (0xFFFF1F0F7)
YUV	241.0970, 2.9102, -0.0851
Hunter-Lab	93.6047, -3.4115, 1.9551

Details

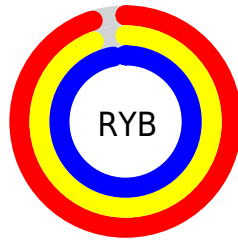
The CIELCh color **95, 3.626, 295.999** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.581, 115.546**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 3.808, 296.059** is the 20% darker color. If you saturate the color by 10%, you get **87, 16.698, 296.818**, and if you desaturate by 10%, it is **100, 4.117, 109.852**.

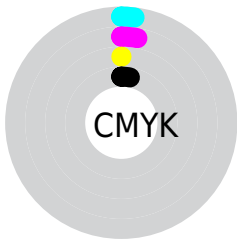
Distribution



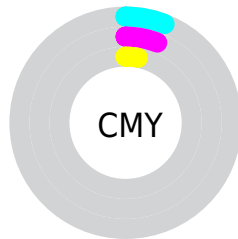
- Red (95%)
- Green (94%)
- Blue (97%)



- Red (95%)
- Yellow (94%)
- Blue (97%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 3.626, 295.999 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, 3.626, 295.999 by changing the saturation by 10% instead.

95, 3.626, 295.999

95, 3.626, 295.999

100, 3.626,
295.999

85, 3.626, 295.999

75, 3.626, 295.999

65, 3.626, 295.999

55, 3.626, 295.999

45, 3.626, 295.999

35, 3.626, 295.999

25, 3.626, 295.999

15, 3.626, 295.999

5, 3.626, 295.999

95, 3.626, 295.999

95, 3.626, 295.999

87, 16.698,
296.818

100, 4.117,
109.852

80, 30.306,
297.796

72, 44.465,
298.926

64, 59.156,
300.214

57, 74.275,
301.643

49, 89.512,
303.158

43, 104.164,
304.634

37, 116.901,
305.861

■ 34, 125.865,
306.570

Harmonies

Complementary

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



95, 3.626, 295.999



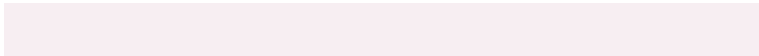
97, 3.581, 115.546

Rectangle

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



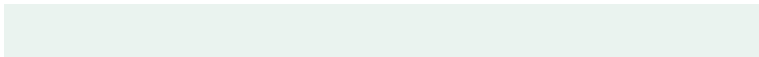
95, 3.626, 295.999



95, 3.626, 345.999



95, 3.626, 115.999



95, 3.626, 165.999

Sweetspot

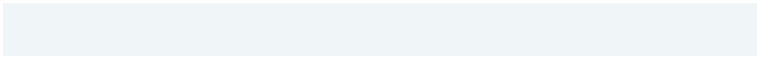
The Sweet Spot groups the original color and five complimentary colors.



95, 3.624, 295.980



99, 1.316, 295.846



96, 2.162, 212.337



53, 0.748, 295.843



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

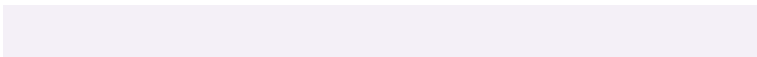
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 3.624, 295.980



98, 3.939, 295.993



95, 3.940, 313.655



50, 2.890, 296.055



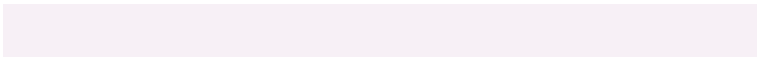
23, 104.707, 306.837



3, 40.334, 303.001

Inverse Universe

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



95, 3.971, 328.678



98, 4.316, 328.693



97, 3.909, 133.518



50, 3.165, 328.757



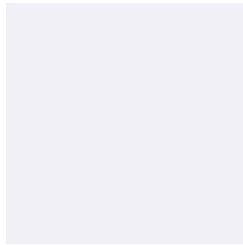
43, 81.606, 334.852



10, 36.816, 333.855

Previews

White Background



This preview shows how the CIELCh color 95, 3.626, 295.999 looks on a white background.

Color Contrast Check

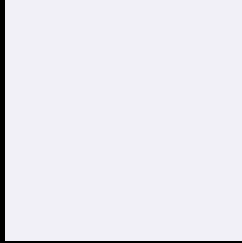
Large Text (above 18pt) WCAG AA × Fail

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, 3.626, 295.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

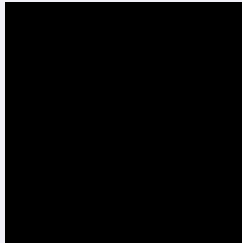
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

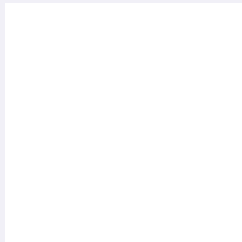
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 3.626, 295.999

Background



This preview shows how black text looks on a background with the CIELCh color 95, 3.626, 295.999.

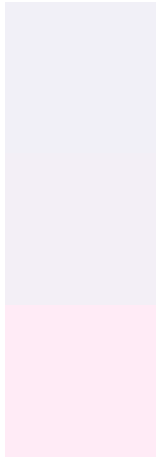


This preview shows how white text looks on a background with the CIELCh color 95, 3.626, 295.999.

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, 3.626, 295.999

Protanopia

95, 3.886, 311.601

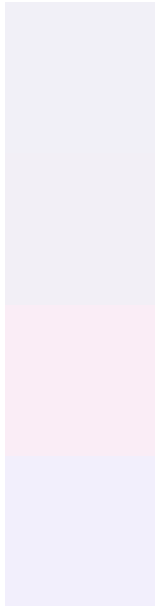
Deuteranopia

95, 9.093, 341.628



Tritanopia
95, 8.309, 297.962

Trichromacy



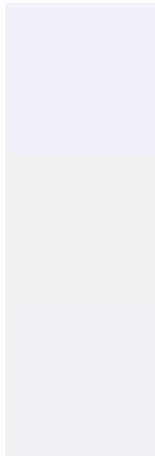
Original Color
95, 3.626, 295.999

Protanomaly
95, 3.770, 306.640

Deuteranomaly
95, 6.548, 334.894

Tritanomaly
95, 6.784, 299.511

Monochromacy



Original Color
95, 3.626, 295.999

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 1.037, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 3.626, 295.999 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, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 247)  
}
```

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, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 3.626, 295.999 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, 240, 247) }
```

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

```
.border{ border-color:rgb(241, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 3.626, 295.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 247) }
```

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

```
.background{ background-color: rgb(241,  
240, 247) }
```

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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