

Converting Colors

CIE LCh(95, 7.129, 294.200)

Have a look what the booklet for
CIELCh(95, 7.129, 294.200) contains.

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Color

CIELCh(95, 7.246, 296.212)

Conversions

Conversions Part 1

Format	Color
Hex	F1EFFF
RGB	241, 239, 253
RGB Percent	95%, 94%, 99%
CMY	0.0545, 0.0623, 0.0074
CMYK	0.05, 0.06, 0.00, 0.01
HSL	249°, 79%, 97%
HSV	249°, 6%, 99%
XYZ	84.9610, 87.6183, 105.4574
YIQ	241.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

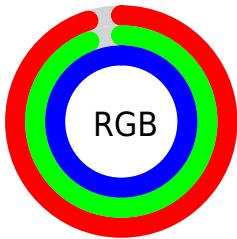
Format	Color
R _Y B	241, 239, 253
Decimal	15855613
CIE Lab	95.00, 3.20, -6.50
CIE LCh	95, 7.246, 296.212
Yxy	87.6183, 0.3056, 0.3151
Android (android.graphics.Color)	4294045693 (0xFFFF1EFFD)
YUV	241.1940, 5.8204, -0.1701
Hunter-Lab	93.6047, -1.7912, -1.2743

Details

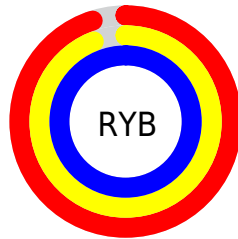
The CIELCh color `95, 7.246, 296.212` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 7.139, 115.354`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 7.077, 296.710` is the 20% darker color. If you saturate the color by 10%, you get `87, 20.731, 297.079`, and if you desaturate by 10%, it is `100, 0.945, 110.025`.

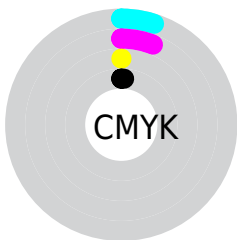
Distribution



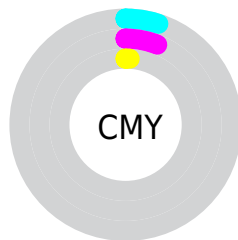
- Red (95%)
- Green (94%)
- Blue (99%)



- Red (95%)
- Yellow (94%)
- Blue (99%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.246, 296.212 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, 7.246, 296.212 by changing the saturation by 10% instead.

95, 7.246, 296.212

95, 7.246, 296.212

100, 7.246,
296.212

85, 7.246, 296.212

75, 7.246, 296.212

65, 7.246, 296.212

55, 7.246, 296.212

45, 7.246, 296.212

35, 7.246, 296.212

25, 7.246, 296.212

15, 7.246, 296.212

5, 7.246, 296.212

95, 7.246, 296.212

95, 7.246, 296.212

87, 20.731,
297.079

100, 0.945,
110.025

79, 34.770,
298.098

71, 49.372,
299.272

63, 64.501,
300.602

56, 80.006,
302.064

49, 95.485,
303.585

42, 110.058,
305.018

37, 122.174,
306.126

■ 34, 129.925,
306.650

Harmonies

Complementary

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



95, 7.246, 296.212



99, 7.139, 115.354

Rectangle

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



95, 7.246, 296.212



95, 7.246, 346.212



95, 7.246, 116.212



95, 7.246, 166.212

Sweetspot

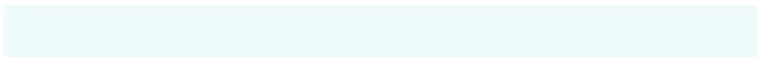
The Sweet Spot groups the original color and five complimentary colors.



95, 7.244, 296.203



98, 2.625, 295.927



98, 4.276, 212.184



52, 1.492, 295.920



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, 7.244, 296.203



94, 9.248, 296.324



96, 7.863, 313.791



50, 6.016, 296.374



24, 106.850, 306.829



4, 44.446, 304.494

Inverse Universe

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



96, 7.916, 328.890



96, 10.091, 328.988



98, 7.804, 133.380



51, 6.559, 329.027



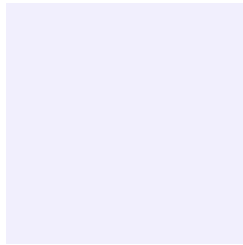
44, 83.232, 334.881



12, 38.804, 333.968

Previews

White Background



This preview shows how the CIELCh color 95, 7.246, 296.212 looks on a white background.

Color Contrast Check

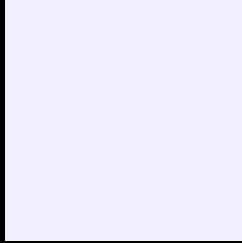
Large Text (above 18pt) WCAG AA × Fail

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, 7.246, 296.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

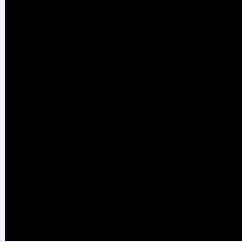
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 7.246, 296.212

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.246, 296.212.

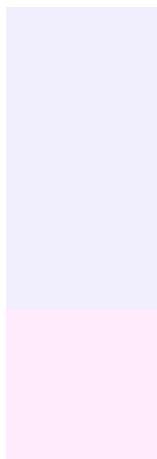


This preview shows how white text looks on a background with the CIELCh color 95, 7.246, 296.212.

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, 7.246, 296.212

Protanopia

95, 7.246, 296.212

Deuteranopia

95, 11.254, 329.283



Tritanopia
95, 8.309, 297.962

Trichromacy



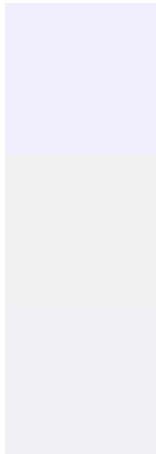
Original Color
95, 7.246, 296.212

Protanomaly
95, 7.246, 296.212

Deuteranomaly
95, 9.622, 321.279

Tritanomaly
95, 7.800, 298.406

Monochromacy



Original Color
95, 7.246, 296.212

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.606, 298.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.246, 296.212 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(241, 239, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 239, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.246, 296.212 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, 253) }
```

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

```
.border{ border-color:rgb(241, 239, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 239, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 239, 253);  
box-shadow:4px 4px 4px 4px rgb(241, 239,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.246, 296.212 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, 253) }
```

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

```
.background{ background-color: rgb(241,  
239, 253) }
```

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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