

Converting Colors

CIE LCh(95, 9.124, 310.527)

Have a look what the booklet for
CIELCh(95, 9.124, 310.527) contains.

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Color

CIELCh(95, 9.328, 310.364)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDFE
RGB	246, 237, 254
RGB Percent	96%, 93%, 100%
CMY	0.0338, 0.0691, 0.0025
CMYK	0.03, 0.07, 0.00, 0.00
HSL	272°, 93%, 96%
HSV	272°, 7%, 100%
XYZ	86.4732, 87.6183, 106.4301
YIQ	241.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

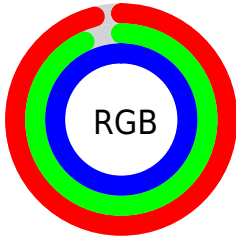
Format	Color
R _Y B	246, 237, 254
Decimal	16182782
CIE Lab	95.00, 6.04, -7.11
CIE LCh	95, 9.328, 310.364
Yxy	87.6183, 0.3083, 0.3123
Android (android.graphics.Color)	4294372862 (0xFFFF6EDFE)
YUV	241.6290, 6.0989, 3.8334
Hunter-Lab	93.6047, 1.0924, -1.8905

Details

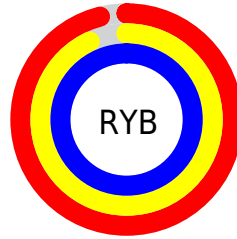
The CIELCh color `95, 9.328, 310.364` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 9.230, 129.814`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 9.293, 311.549` is the 20% darker color. If you saturate the color by 10%, you get `88, 23.595, 310.838`, and if you desaturate by 10%, it is `100, 0.308, 109.904`.

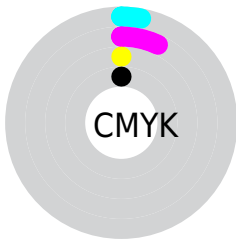
Distribution



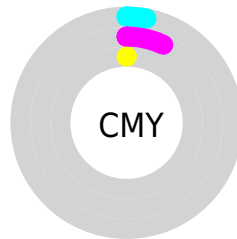
- Red (96%)
- Green (93%)
- Blue (100%)



- Red (96%)
- Yellow (93%)
- Blue (100%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.328, 310.364 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, 9.328, 310.364 by changing the saturation by 10% instead.

95, 9.328, 310.364

95, 9.328, 310.364

100, 9.328,
310.364

85, 9.328, 310.364

75, 9.328, 310.364

65, 9.328, 310.364

55, 9.328, 310.364

45, 9.328, 310.364

35, 9.328, 310.364

25, 9.328, 310.364

15, 9.328, 310.364

5, 9.328, 310.364

95, 9.328, 310.364

95, 9.328, 310.364

88, 23.595,
310.838

100, 0.308,
109.904

81, 38.211,
311.340

74, 53.061,
311.860

67, 67.935,
312.373

61, 82.470,
312.837

55, 96.086,
313.188

50, 107.956,
313.337

45, 117.084,
313.174

■ 42, 122.674,
312.602

Harmonies

Complementary

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



95, 9.328, 310.364



99, 9.230, 129.814

Rectangle

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



95, 9.328, 310.364



95, 9.328, 0.364



95, 9.328, 130.364



95, 9.328, 180.364

Sweetspot

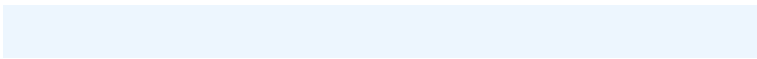
The Sweet Spot groups the original color and five complimentary colors.



95, 9.325, 310.360



99, 2.785, 310.117



96, 5.270, 258.150



53, 1.583, 310.109



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, 9.325, 310.360



94, 11.205, 310.423



96, 10.488, 325.229



49, 7.979, 310.493



31, 99.898, 312.558



6, 44.861, 313.688

Inverse Universe

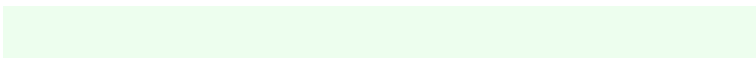
The Inverse Universe completely reimagines the original color for something new.



95, 7.317, 345.765



95, 8.791, 345.893



98, 10.467, 144.527



50, 6.260, 346.038



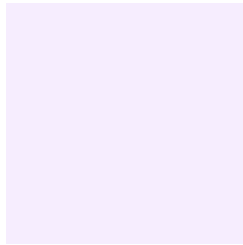
41, 68.032, 4.930



10, 31.623, 358.881

Previews

White Background



This preview shows how the CIELCh color 95, 9.328, 310.364 looks on a white background.

Color Contrast Check

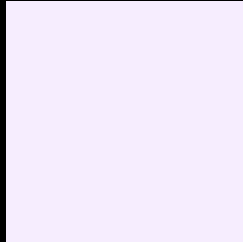
Large Text (above 18pt) WCAG AA × Fail

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, 9.328, 310.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

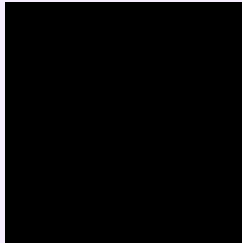
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

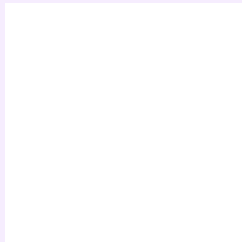
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 9.328, 310.364

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.328, 310.364.



This preview shows how white text looks on a background with the CIELCh color 95, 9.328, 310.364.

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, 9.328, 310.364

Protanopia

95, 8.269, 295.594

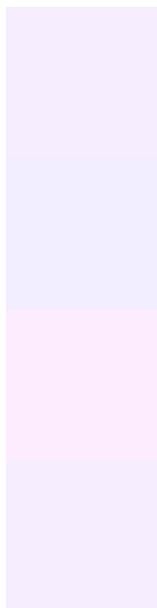
Deuteranopia

95, 11.655, 327.699



Tritanopia
95, 9.813, 309.369

Trichromacy



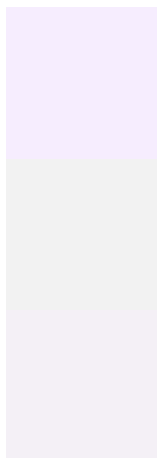
Original Color
95, 9.328, 310.364

Protanomaly
95, 8.941, 301.971

Deuteranomaly
95, 10.425, 323.175

Tritanomaly
95, 9.813, 309.369

Monochromacy



Original Color
95, 9.328, 310.364

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.410, 314.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.328, 310.364 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(246, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 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(246, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.328, 310.364 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(246, 237, 254) }
```

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

```
.border{ border-color:rgb(246, 237, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 254);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.328, 310.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 254) }
```

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

```
.background{ background-color: rgb(246,  
237, 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](#).

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