

Converting Colors

CIE LCh(93, 6.083, 310.806)

Have a look what the booklet for
CIELCh(93, 6.083, 310.806) contains.

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Color

CIELCh(93, 6.088, 310.807)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9F4
RGB	239, 233, 244
RGB Percent	94%, 91%, 96%
CMY	0.0637, 0.0872, 0.0441
CMYK	0.02, 0.05, 0.00, 0.04
HSL	273°, 33%, 93%
HSV	273°, 5%, 96%
XYZ	80.8780, 82.9670, 97.1465
YIQ	236.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

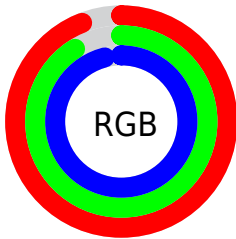
Format	Color
R _Y B	239, 233, 244
Decimal	15722996
CIE Lab	93.00, 3.98, -4.61
CIE LCh	93, 6.088, 310.807
Yxy	82.9670, 0.3099, 0.3179
Android (android.graphics.Color)	4293913076 (0xFFEFE9F4)
YUV	236.0480, 3.9203, 2.5889
Hunter-Lab	91.0862, -0.9058, 0.5256

Details

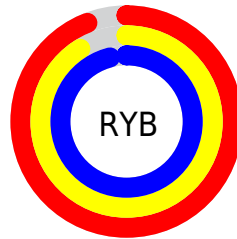
The CIELCh color `93, 6.088, 310.807` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 6.033, 130.469`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 6.402, 310.867` is the 20% darker color. If you saturate the color by 10%, you get `86, 19.831, 311.271`, and if you desaturate by 10%, it is `99, 5.998, 127.433`.

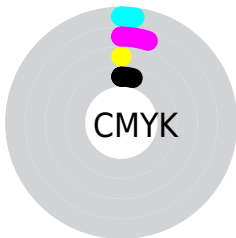
Distribution



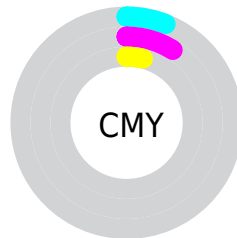
- Red (94%)
- Green (91%)
- Blue (96%)



- Red (94%)
- Yellow (91%)
- Blue (96%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.088, 310.807 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 93, 6.088, 310.807 by changing the saturation by 10% instead.

93, 6.088, 310.807

93, 6.088, 310.807

100, 6.088,
310.807

83, 6.088, 310.807

73, 6.088, 310.807

63, 6.088, 310.807

53, 6.088, 310.807

43, 6.088, 310.807

33, 6.088, 310.807

23, 6.088, 310.807

13, 6.088, 310.807

3, 6.088, 310.807

93, 6.088, 310.807

93, 6.088, 310.807

86, 19.831,
311.271

99, 5.998, 127.433

79, 33.917,
311.758

100, 5.688,
109.739

73, 48.244,
312.262

66, 62.626,
312.762

60, 76.745,
313.221

54, 90.092,
313.582

49, 101.922,
313.762

45, 111.316,
313.661

■ 42, 117.443,
313.177

Harmonies

Complementary

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



93, 6.088, 310.807



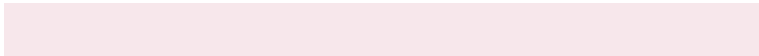
95, 6.033, 130.469

Rectangle

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



93, 6.088, 310.807



93, 6.088, 0.807



93, 6.088, 130.807



93, 6.088, 180.807

Sweetspot

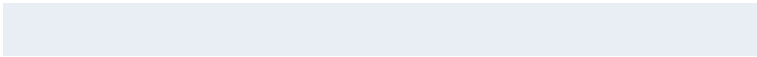
The Sweet Spot groups the original color and five complimentary colors.



93, 6.086, 310.802



99, 1.401, 310.564



94, 3.488, 259.632



53, 0.797, 310.556



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

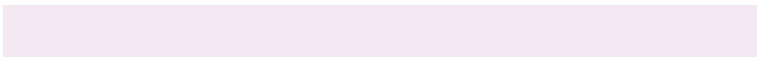
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 6.086, 310.802



96, 7.001, 310.826



93, 6.752, 325.549



49, 4.623, 310.858



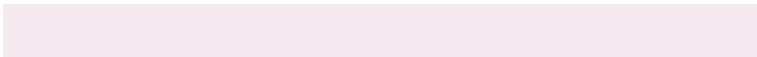
30, 97.553, 312.971



6, 41.582, 313.800

Inverse Universe

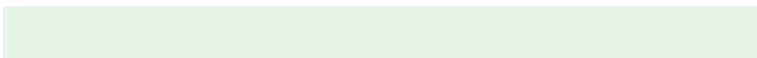
The Inverse Universe completely reimagines the original color for something new.



93, 4.707, 346.449



97, 5.416, 346.503



95, 6.732, 145.129



49, 3.576, 346.574



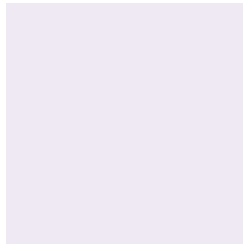
40, 66.643, 6.381



9, 29.903, 359.501

Previews

White Background



This preview shows how the CIELCh color 93, 6.088, 310.807 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 93, 6.088, 310.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

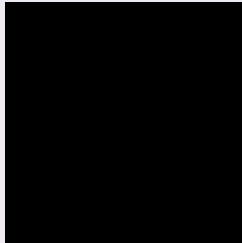
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

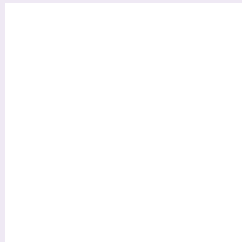
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.088, 310.807

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.088, 310.807.

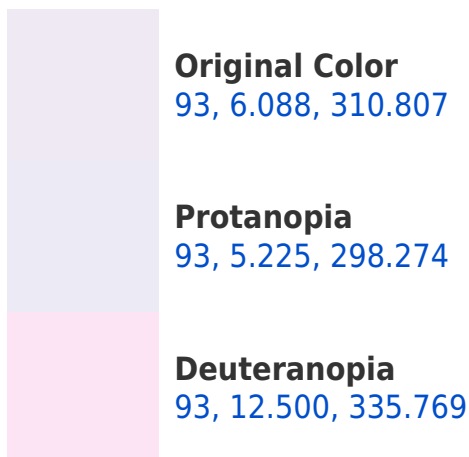


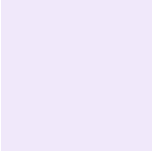
This preview shows how white text looks on a background with the CIELCh color 93, 6.088, 310.807.

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](#).

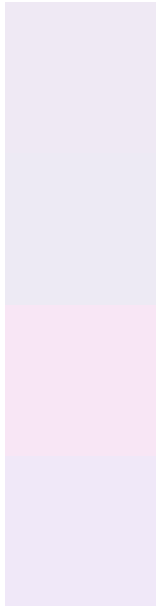
Dichromacy





Tritanopia
93, 9.744, 307.434

Trichromacy



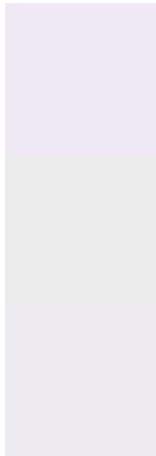
Original Color
93, 6.088, 310.807

Protanomaly
93, 5.287, 302.028

Deuteranomaly
93, 10.059, 329.797

Tritanomaly
93, 8.762, 309.340

Monochromacy



Original Color
93, 6.088, 310.807

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.198, 309.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.088, 310.807 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(239, 233, 244)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 244)  
}
```

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(239, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.088, 310.807 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(239, 233, 244) }
```

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

```
.border{ border-color:rgb(239, 233, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.088, 310.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 244) }
```

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

```
.background{ background-color: rgb(239,  
233, 244) }
```

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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