

Converting Colors

CIELCh(93, 8.398, 279.069)

Have a look what the booklet for
CIELCh(93, 8.398, 279.069) contains.

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Color

CIELCh(93, 8.404, 279.073)

Conversions

Conversions Part 1

Format	Color
Hex	E6EBFB
RGB	230, 235, 251
RGB Percent	90%, 92%, 98%
CMY	0.0992, 0.0796, 0.0169
CMYK	0.08, 0.06, 0.00, 0.02
HSL	226°, 71%, 94%
HSV	226°, 8%, 98%
XYZ	79.5269, 82.9670, 102.8408
YIQ	235.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

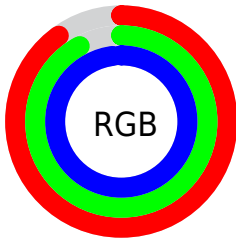
Format	Color
R _Y B	230, 234, 251
Decimal	15133691
CIE Lab	93.00, 1.33, -8.30
CIE LCh	93, 8.404, 279.073
Yxy	82.9670, 0.2997, 0.3127
Android (android.graphics.Color)	4293323771 (0xFFE6EBFB)
YUV	235.3290, 7.7258, -4.6735
Hunter-Lab	91.0862, -3.5536, -3.1809

Details

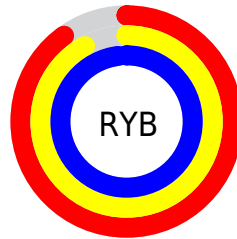
The CIELCh color `93, 8.404, 279.073` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.334, 96.998`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 8.307, 278.531` is the 20% darker color. If you saturate the color by 10%, you get `86, 18.666, 280.469`, and if you desaturate by 10%, it is `100, 1.598, 97.686`.

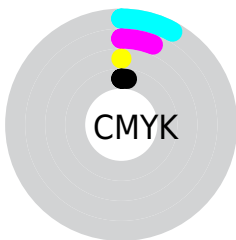
Distribution



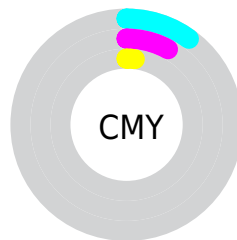
- Red (90%)
- Green (92%)
- Blue (98%)



- Red (90%)
- Yellow (92%)
- Blue (98%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.404, 279.073 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, 8.404, 279.073 by changing the saturation by 10% instead.

93, 8.404, 279.073

93, 8.404, 279.073

100, 8.404,
279.073

83, 8.404, 279.073

73, 8.404, 279.073

63, 8.404, 279.073

53, 8.404, 279.073

43, 8.404, 279.073

33, 8.404, 279.073

23, 8.404, 279.073

13, 8.404, 279.073

3, 8.404, 279.073

93, 8.404, 279.073

93, 8.404, 279.073

86, 18.666,
280.469

100, 1.598, 97.686

80, 29.213,
282.126

100, 2.169,
109.980

73, 40.070,
284.069

67, 51.272,
286.332

60, 62.852,
288.934

54, 74.817,
291.856

48, 87.068,
295.010

43, 99.274,
298.214

■ 39,110.724,
301.190

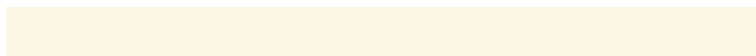
Harmonies

Complementary

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



93, 8.404, 279.073



97, 8.334, 96.998

Rectangle

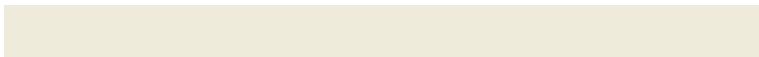
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



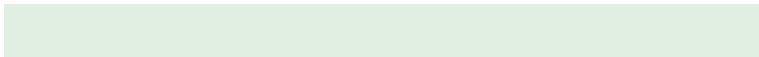
93, 8.404, 279.073



93, 8.404, 329.073



93, 8.404, 99.073



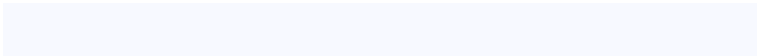
93, 8.404, 149.073

Sweetspot

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



93, 8.402, 279.062



98, 3.038, 278.431



97, 7.793, 178.822



52, 2.304, 278.514



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, 8.402, 279.062



93, 10.192, 279.276



92, 11.049, 300.451



49, 5.696, 279.208



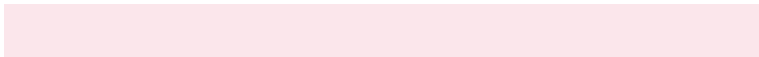
28, 89.394, 301.116



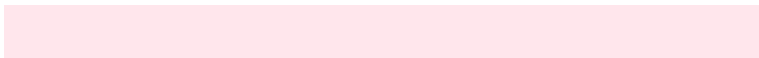
6, 34.657, 295.660

Inverse Universe

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



93, 7.981, 1.103



93, 9.701, 1.283



98, 10.852, 119.391



49, 5.418, 1.226



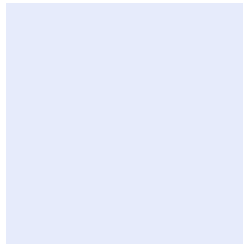
40, 72.381, 26.536



9, 30.811, 15.792

Previews

White Background



This preview shows how the CIELCh color 93, 8.404, 279.073 looks on a white background.

Color Contrast Check

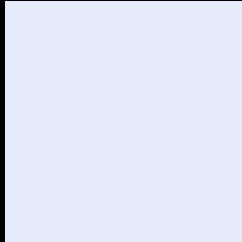
Large Text (above 18pt) WCAG AA × Fail

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, 8.404, 279.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

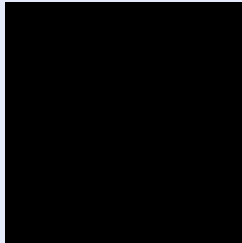
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

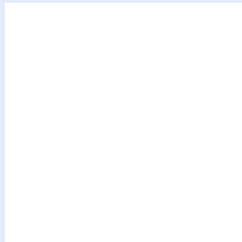
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 8.404, 279.073

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.404, 279.073.



This preview shows how white text looks on a background with the CIELCh color 93, 8.404, 279.073.

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

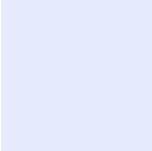
93, 8.404, 279.073

Protanopia

93, 8.823, 295.359

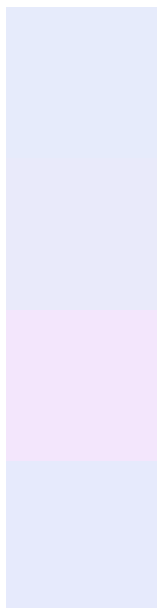
Deuteranopia

93, 14.647, 322.637



Tritanopia
93, 9.883, 283.016

Trichromacy



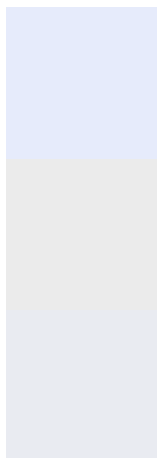
Original Color
93, 8.404, 279.073

Protanomaly
93, 8.266, 288.449

Deuteranomaly
93, 12.290, 312.535

Tritanomaly
93, 9.373, 282.525

Monochromacy



Original Color
93, 8.404, 279.073

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.170, 277.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.404, 279.073 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(230, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 235, 251)  
}
```

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(230, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 235, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.404, 279.073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

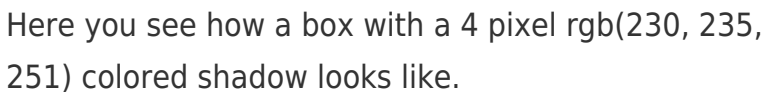
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 235, 251) }
```

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

```
.border{ border-color:rgb(230, 235, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 235,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.404, 279.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 235, 251) }
```

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

```
.background{ background-color: rgb(230,  
235, 251) }
```

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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