

Converting Colors

CIELCh(93, 8.798, 293.121)

Have a look what the booklet for
CIELCh(93, 8.798, 293.121) contains.

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Color

CIELCh(93, 8.798, 293.121)

Conversions

Conversions Part 1

Format	Color
Hex	EAE9FA
RGB	234, 233, 250
RGB Percent	92%, 91%, 98%
CMY	0.0809, 0.0848, 0.0181
CMYK	0.06, 0.07, 0.00, 0.02
HSL	244°, 65%, 95%
HSV	244°, 7%, 98%
XYZ	80.6101, 82.9670, 102.5149
YIQ	235.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

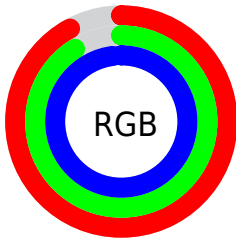
Format	Color
R_{YB}	234, 233, 250
Decimal	15395322
CIE Lab	93.00, 3.45, -8.09
CIE LCh	93, 8.798, 293.121
Yxy	82.9670, 0.3029, 0.3118
Android (android.graphics.Color)	4293585402 (0xFFEAE9FA)
YUV	235.2370, 7.2782, -1.0848
Hunter-Lab	91.0862, -1.4309, -2.9688

Details

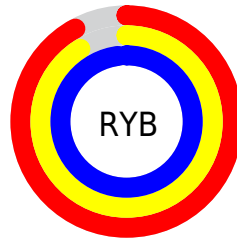
The CIELCh color `93, 8.798, 293.121` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 8.647, 111.887`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 9.260, 293.299` is the 20% darker color. If you saturate the color by 10%, you get `85, 22.183, 294.160`, and if you desaturate by 10%, it is `100, 2.335, 109.971`.

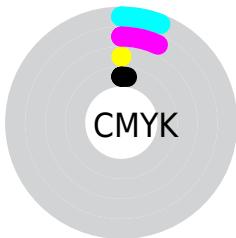
Distribution



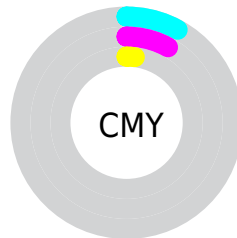
- Red (92%)
- Green (91%)
- Blue (98%)



- Red (92%)
- Yellow (91%)
- Blue (98%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 8.798, 293.121 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, 8.798, 293.121 by changing the saturation by 10% instead.

93, 8.798, 293.121

93, 8.798, 293.121

100, 8.798,
293.121

83, 8.798, 293.121

73, 8.798, 293.121

63, 8.798, 293.121

53, 8.798, 293.121

43, 8.798, 293.121

33, 8.798, 293.121

23, 8.798, 293.121

13, 8.798, 293.121

3, 8.798, 293.121

93, 8.798, 293.121

93, 8.798, 293.121

85, 22.183,
294.160

100, 2.335,
109.971

77, 36.139,
295.391

69, 50.691,
296.825

61, 65.820,
298.470

53, 81.386,
300.300

46, 96.959,
302.224

40, 111.536,
304.053

35, 123.321,
305.489

■ 32, 130.262,
306.245

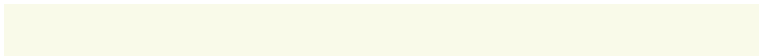
Harmonies

Complementary

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



93, 8.798, 293.121



98, 8.647, 111.887

Rectangle

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



93, 8.798, 293.121



93, 8.798, 343.121



93, 8.798, 113.121



93, 8.798, 163.121

Sweetspot

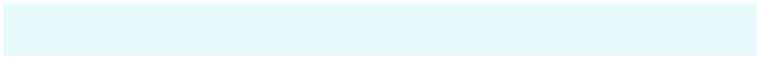
The Sweet Spot groups the original color and five complimentary colors.



93, 8.796, 293.113



98, 2.613, 292.682



97, 5.575, 203.646



52, 1.485, 292.674



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, 8.796, 293.113



94, 10.542, 293.232



94, 9.398, 311.070



48, 7.390, 293.379



23, 106.414, 306.456



3, 42.196, 302.098

Inverse Universe

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



94, 10.223, 326.408



95, 12.234, 326.482



97, 9.305, 130.523



49, 8.559, 326.571



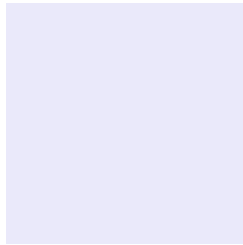
44, 88.008, 330.716



11, 40.051, 330.385

Previews

White Background



This preview shows how the CIELCh color 93, 8.798, 293.121 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, 8.798, 293.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

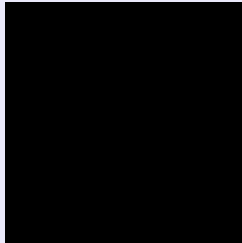
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 8.798, 293.121

Background



This preview shows how black text looks on a background with the CIELCh color 93, 8.798, 293.121.



This preview shows how white text looks on a background with the CIELCh color 93, 8.798, 293.121.

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, 8.798, 293.121

Protanopia

93, 8.798, 293.121

Deuteranopia

93, 14.215, 323.736



Tritanopia
93, 9.853, 294.955

Trichromacy



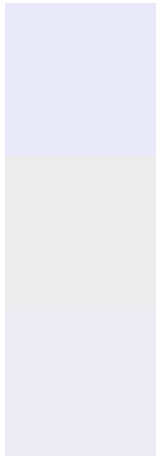
Original Color
93, 8.798, 293.121

Protanomaly
93, 8.798, 293.121

Deuteranomaly
93, 11.952, 315.002

Tritanomaly
93, 9.338, 295.144

Monochromacy



Original Color
93, 8.798, 293.121

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.103, 290.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 8.798, 293.121 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(234, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 250)  
}
```

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(234, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 8.798, 293.121 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(234, 233, 250) }
```

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

```
.border{ border-color:rgb(234, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 8.798, 293.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 250) }
```

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

```
.background{ background-color: rgb(234,  
233, 250) }
```

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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