

Converting Colors

CIELCh(100, 98.320, 296.840)

Have a look what the booklet for
CIELCh(100, 98.320, 296.840)
contains.

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Color

CIElCh(93, 10.843, 291.033)

Conversions

Conversions Part 1

Format	Color
Hex	E9E9FE
RGB	233, 233, 254
RGB Percent	91%, 91%, 100%
CMY	0.0852, 0.0852, 0.0029
CMYK	0.08, 0.08, 0.00, 0.00
HSL	240°, 93%, 96%
HSV	240°, 8%, 100%
XYZ	80.8335, 82.9670, 105.7317
YIQ	235.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

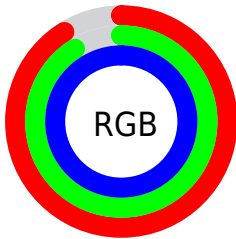
Format	Color
R_{YB}	233, 233, 254
Decimal	15329790
CIE Lab	93.00, 3.89, -10.12
CIE LCh	93, 10.843, 291.033
Yxy	82.9670, 0.2999, 0.3078
Android (android.graphics.Color)	4293519870 (0xFFE9E9FE)
YUV	235.3940, 9.1728, -2.0995
Hunter-Lab	91.0862, -0.9930, -5.0627

Details

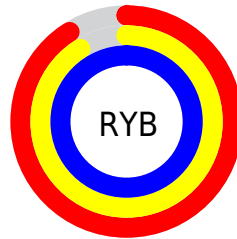
The CIELCh color **93, 10.843, 291.033** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 10.628, 109.363**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 10.877, 291.229** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.461, 292.224**, and if you desaturate by 10%, it is **100, 0.367, 109.940**.

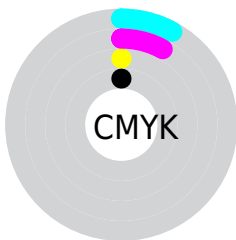
Distribution



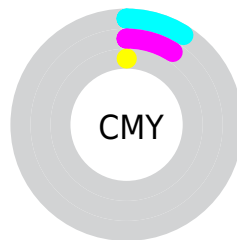
- Red (91%)
- Green (91%)
- Blue (100%)



- Red (91%)
- Yellow (91%)
- Blue (100%)



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





- Cyan (9%)
- Magenta (9%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.843, 291.033 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, 10.843, 291.033 by changing the saturation by 10% instead.


 93, 10.843,
291.033


 93, 10.843,
291.033


 100, 10.843,
291.033


 83, 10.843,
291.033

 73, 10.843,
291.033

 63, 10.843,
291.033

 53, 10.843,
291.033

 43, 10.843,
291.033

 33, 10.843,
291.033

 23, 10.843,

291.033

■ 13, 10.843,
291.033

■ 3, 10.843, 291.033

■ 93, 10.843,
291.033

■ 93, 10.843,
291.033

■ 85, 24.461,
292.224

100, 0.367,
109.940

■ 77, 38.671,
293.641

■ 68, 53.507,
295.303

■ 60, 68.955,
297.221

■ 52, 84.864,
299.360

■ 45, 100.730,
301.603

■ 39, 115.358,
303.708

■ 35, 126.677,
305.325

■ 32, 132.751,
306.180

Harmonies

Complementary

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



93, 10.843, 291.033



99, 10.628, 109.363

Rectangle

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



93, 10.843, 291.033



93, 10.843, 341.033



93, 10.843, 111.033



93, 10.843, 161.033

Sweetspot

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



93, 10.841, 291.027



98, 2.609, 290.394



98, 7.196, 197.616



52, 1.483, 290.386



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, 10.841, 291.027



92, 13.208, 291.221



94, 11.430, 308.849



49, 7.502, 291.165



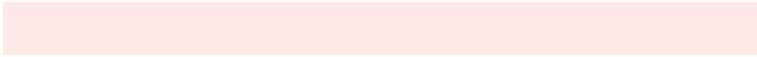
23, 107.771, 306.285



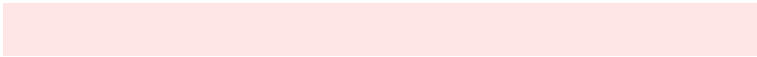
3, 44.120, 301.755

Inverse Universe

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



94, 7.573, 19.826



93, 9.259, 19.966



99, 11.284, 128.124



49, 5.254, 19.926



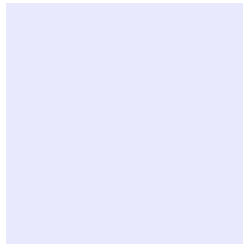
40, 84.220, 39.992



10, 33.366, 27.168

Previews

White Background



This preview shows how the CIELCh color 93, 10.843, 291.033 looks on a white background.

Color Contrast Check

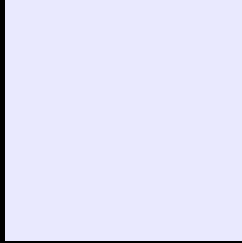
Large Text (above 18pt) WCAG AA × Fail

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, 10.843, 291.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

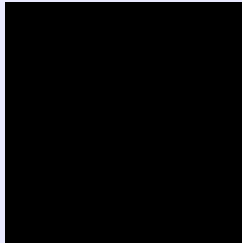
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 10.843, 291.033

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.843, 291.033.



This preview shows how white text looks on a background with the CIELCh color 93, 10.843, 291.033.

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, 10.851, 291.036

Protanopia

93, 10.851, 291.036

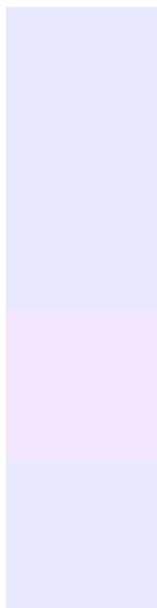
Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 9.296, 288.801

Trichromacy



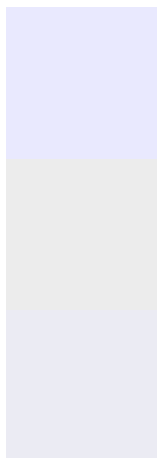
Original Color
93, 10.851, 291.036

Protanomaly
93, 10.851, 291.036

Deuteranomaly
93, 13.738, 310.189

Tritanomaly
93, 9.812, 288.955

Monochromacy



Original Color
93, 10.851, 291.036

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.134, 290.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.843, 291.033 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(233, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 233, 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(233, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 233, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.843, 291.033 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(233, 233, 254) }
```

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

```
.border{ border-color:rgb(233, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 233,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.843, 291.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 233, 254) }
```

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

```
.background{ background-color: rgb(233,  
233, 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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