

Converting Colors

CIELCh(93, 11.324, 295.905)

Have a look what the booklet for
CIELCh(93, 11.324, 295.905)
contains.

CIELCh(93, 10.883, 294.642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 10.883, 294.642)

Conversions

Conversions Part 1

Format	Color
Hex	EBE9FE
RGB	235, 233, 254
RGB Percent	92%, 91%, 100%
CMY	0.0791, 0.0869, 0.0046
CMYK	0.07, 0.08, 0.00, 0.00
HSL	246°, 90%, 95%
HSV	246°, 8%, 100%
XYZ	81.1647, 82.9670, 105.3659
YIQ	235.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

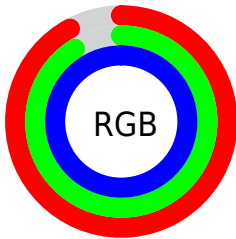
Format	Color
R _Y B	235, 233, 254
Decimal	15460862
CIE Lab	93.00, 4.54, -9.89
CIE LCh	93, 10.883, 294.642
Yxy	82.9670, 0.3012, 0.3079
Android (android.graphics.Color)	4293650942 (0xFFE9E9FE)
YUV	235.9920, 8.8779, -0.8700
Hunter-Lab	91.0862, -0.3441, -4.8246

Details

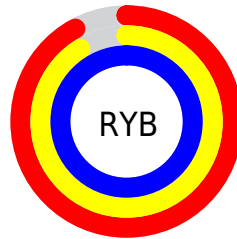
The CIELCh color `93, 10.883, 294.642` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 10.669, 113.233`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 10.911, 294.982` is the 20% darker color. If you saturate the color by 10%, you get `85, 24.518, 295.638`, and if you desaturate by 10%, it is `100, 0.577, 110.001`.

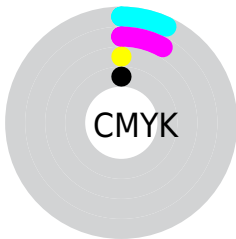
Distribution



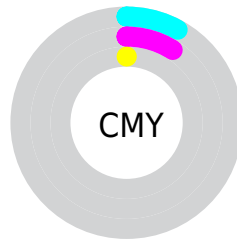
- Red (92%)
- Green (91%)
- Blue (100%)



- Red (92%)
- Yellow (91%)
- Blue (100%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (9%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.883, 294.642 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, 10.883, 294.642 by changing the saturation by 10% instead.


 93, 10.883,
294.642


 93, 10.883,
294.642


 100, 10.883,
294.642


 83, 10.883,
294.642

 73, 10.883,
294.642

 63, 10.883,
294.642

 53, 10.883,
294.642

 43, 10.883,
294.642

 33, 10.883,
294.642

 23, 10.883,

294.642

■ 13, 10.883,
294.642

■ 3, 10.883, 294.642

■ 93, 10.883,
294.642

■ 93, 10.883,
294.642

■ 85, 24.518,
295.638

100, 0.577,
110.001

■ 77, 38.728,
296.809

■ 69, 53.525,
298.163

■ 61, 68.867,
299.702

■ 53, 84.568,
301.391

■ 46, 100.125,
303.133

■ 40, 114.440,
304.736

■ 36, 125.675,
305.919

■ 33, 132.040,
306.452

Harmonies

Complementary

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



93, 10.883, 294.642



99, 10.669, 113.233

Rectangle

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



93, 10.883, 294.642



93, 10.883, 344.642



93, 10.883, 114.642



93, 10.883, 164.642

Sweetspot

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



93, 10.881, 294.636



98, 2.617, 294.093



98, 6.633, 206.846



52, 1.488, 294.086



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, 10.881, 294.636



92, 13.248, 294.798



94, 11.685, 312.261



49, 7.525, 294.752



23, 107.260, 306.586



4, 44.349, 303.625

Inverse Universe

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



94, 12.290, 327.576



94, 14.930, 327.682



98, 11.564, 131.589



50, 8.486, 327.652



44, 86.376, 332.431



12, 40.096, 331.879

Previews

White Background



This preview shows how the CIE LCh color 93, 10.883, 294.642 looks on a white background.

Color Contrast Check

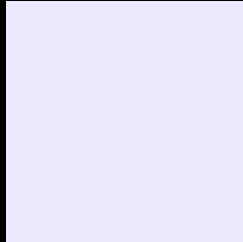
Large Text (above 18pt) WCAG AA × Fail

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, 10.883, 294.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

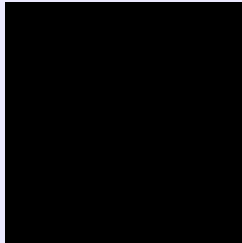
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 10.883, 294.642

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.883, 294.642.



This preview shows how white text looks on a background with the CIELCh color 93, 10.883, 294.642.

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, 10.883, 294.642

Protanopia

93, 10.851, 291.036

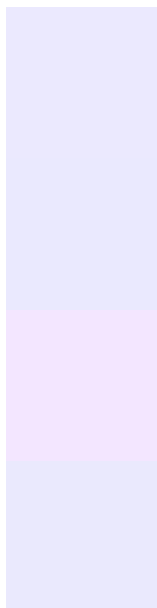
Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 9.830, 292.957

Trichromacy



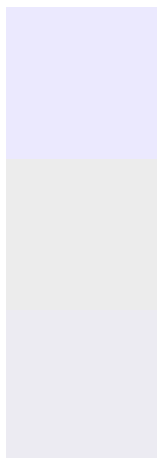
Original Color
93, 10.883, 294.642

Protanomaly
93, 10.862, 292.840

Deuteranomaly
93, 13.738, 310.189

Tritanomaly
93, 10.346, 292.894

Monochromacy



Original Color
93, 10.883, 294.642

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.640, 296.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.883, 294.642 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(235, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 233, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.883, 294.642 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(235, 233, 254) }
```

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

```
.border{ border-color:rgb(235, 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(235, 233, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(235, 233,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.883, 294.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 233, 254) }
```

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

```
.background{ background-color: rgb(235,  
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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