

Converting Colors

CIELCh(93, 13.160, 309.557)

Have a look what the booklet for
CIELCh(93, 13.160, 309.557)
contains.

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Color

CIElCh(93, 13.138, 309.485)

Conversions

Conversions Part 1

Format	Color
Hex	F2E6FE
RGB	242, 230, 254
RGB Percent	95%, 90%, 100%
CMY	0.0493, 0.0964, 0.0022
CMYK	0.05, 0.09, 0.00, 0.00
HSL	270°, 96%, 95%
HSV	270°, 9%, 100%
XYZ	83.1395, 82.9670, 105.7625
YIQ	236.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

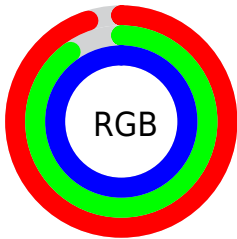
Format	Color
RYB	242, 230, 254
Decimal	15918846
CIELab	93.00, 8.35, -10.14
CIElCh	93, 13.138, 309.485
Yxy	82.9670, 0.3058, 0.3052
Android (android.graphics.Color)	4294108926 (0xFF2E6FE)
YUV	236.3240, 8.7143, 4.9779
Hunter-Lab	91.0862, 3.5260, -5.0827

Details

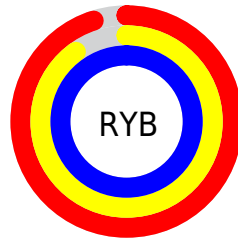
The CIELCh color `93, 13.138, 309.485` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 12.956, 128.657`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 12.660, 309.560` is the 20% darker color. If you saturate the color by 10%, you get `86, 27.440, 309.982`, and if you desaturate by 10%, it is `100, 0.275, 109.876`.

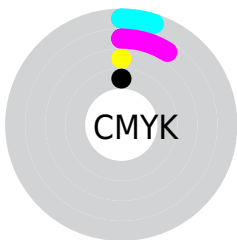
Distribution



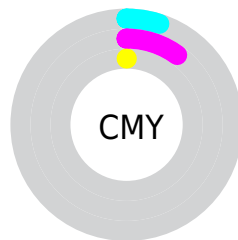
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.138, 309.485 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, 13.138, 309.485 by changing the saturation by 10% instead.


 93, 13.138,
309.485


 93, 13.138,
309.485


 100, 13.138,
309.485


 83, 13.138,
309.485

 73, 13.138,
309.485

 63, 13.138,
309.485

 53, 13.138,
309.485

 43, 13.138,
309.485

 33, 13.138,
309.485

 23, 13.138,

309.485

■ 13, 13.138,
309.485

■ 3, 13.138, 309.485

■ 93, 13.138,
309.485

■ 93, 13.138,
309.485

■ 86, 27.440,
309.982

100, 0.275,
109.876

■ 79, 42.091,
310.513

■ 72, 56.966,
311.063

■ 65, 71.833,
311.603

■ 58, 86.293,
312.088

■ 53, 99.705,
312.443

■ 48, 111.162,
312.567

■ 44, 119.620,
312.341

■ 41, 124.599,
311.712

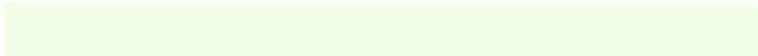
Harmonies

Complementary

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



93, 13.138, 309.485



98, 12.956, 128.657

Rectangle

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



93, 13.138, 309.485



93, 13.138, 359.485



93, 13.138, 129.485



93, 13.138, 179.485

Sweetspot

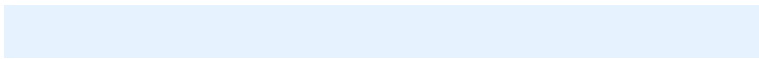
The Sweet Spot groups the original color and five complimentary colors.



93, 13.136, 309.483



98, 4.151, 309.164



95, 7.236, 254.875



52, 3.149, 309.207



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, 13.136, 309.483



92, 15.377, 309.559



94, 14.924, 324.489



49, 7.931, 309.486



30, 100.534, 311.869



6, 44.901, 312.876

Inverse Universe

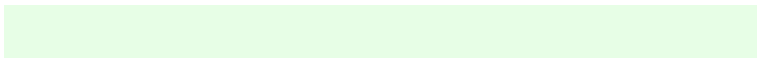
The Inverse Universe completely reimagines the original color for something new.



94, 10.572, 344.399



93, 12.371, 344.545



98, 14.898, 143.471



50, 6.383, 344.406



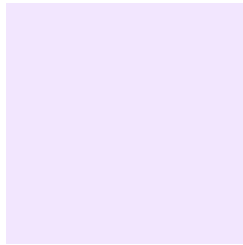
41, 68.247, 2.109



10, 31.869, 356.510

Previews

White Background



This preview shows how the CIELCh color 93, 13.138, 309.485 looks on a white background.

Color Contrast Check

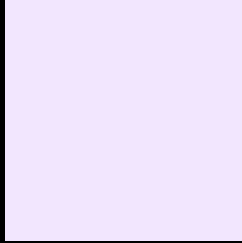
Large Text (above 18pt) WCAG AA × Fail

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, 13.138, 309.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

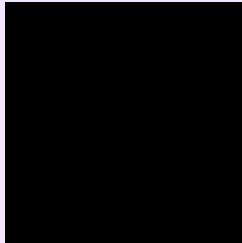
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

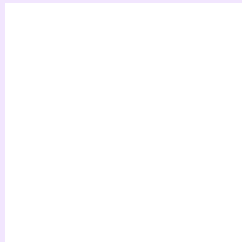
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.138, 309.485

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.138, 309.485.

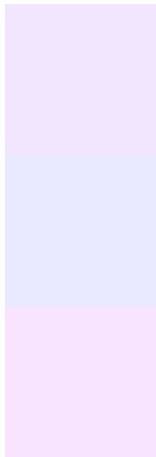


This preview shows how white text looks on a background with the CIELCh color 93, 13.138, 309.485.

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, 13.138, 309.485

Protanopia

93, 11.367, 291.076

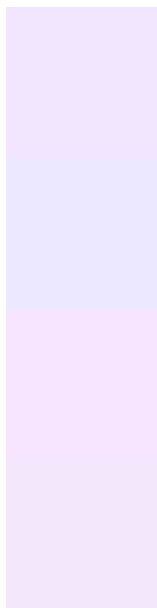
Deuteranopia

93, 15.811, 318.592



Tritanopia
93, 10.108, 313.137

Trichromacy



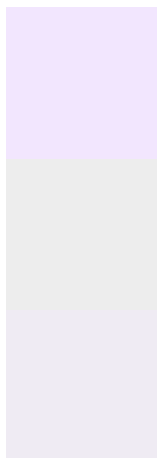
Original Color
93, 13.138, 309.485

Protanomaly
93, 11.990, 297.666

Deuteranomaly
93, 14.879, 315.905

Tritanomaly
93, 11.067, 311.125

Monochromacy



Original Color
93, 13.138, 309.485

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.382, 309.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.138, 309.485 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(242, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 230, 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(242, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.138, 309.485 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(242, 230, 254) }
```

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

```
.border{ border-color:rgb(242, 230, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.138, 309.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 230, 254) }
```

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

```
.background{ background-color: rgb(242,  
230, 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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