

Converting Colors

CIELCh(93, 13.738, 310.189)

Have a look what the booklet for
CIELCh(93, 13.738, 310.189)
contains.

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Color

CIELCh(93, 13.738, 310.189)

Conversions

Conversions Part 1

Format	Color
Hex	F3E6FF
RGB	243, 230, 255
RGB Percent	95%, 90%, 100%
CMY	0.0466, 0.0975, 0.0000
CMYK	0.05, 0.10, 0.00, 0.00
HSL	271°, 100%, 95%
HSV	271°, 10%, 100%
XYZ	83.4064, 82.9670, 106.3321
YIQ	236.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

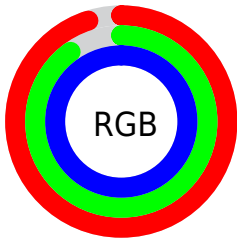
Format	Color
R _Y B	243, 230, 255
Decimal	15984383
CIE Lab	93.00, 8.87, -10.49
CIE LCh	93, 13.738, 310.189
Yxy	82.9670, 0.3058, 0.3042
Android (android.graphics.Color)	4294174463 (0xFFFF3E6FF)
YUV	236.7370, 9.0037, 5.4927
Hunter-Lab	91.0862, 4.0490, -5.4535

Details

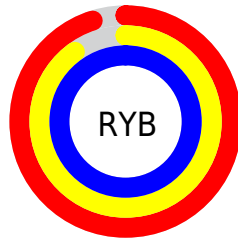
The CIELCh color **93, 13.738, 310.189** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.491, 129.436**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.290, 310.327** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.070, 310.763**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

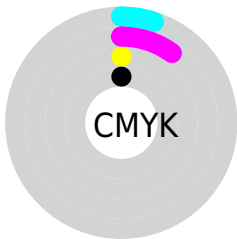
Distribution



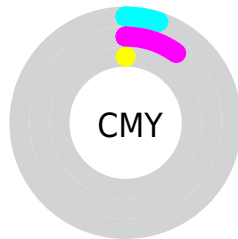
- Red (95%)
- Green (90%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.738, 310.189 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, 13.738, 310.189 by changing the saturation by 10% instead.


 93, 13.738,
310.189


 93, 13.738,
310.189


 100, 13.738,
310.189


 83, 13.738,
310.189

 73, 13.738,
310.189

 63, 13.738,
310.189

 53, 13.738,
310.189

 43, 13.738,
310.189

 33, 13.738,
310.189

 23, 13.738,

310.189

■ 13, 13.738,
310.189

■ 3, 13.738, 310.189

■ 93, 13.738,
310.189

■ 93, 13.738,
310.189

■ 86, 28.070,
310.763

100, 0.012,
296.813

■ 79, 42.793,
311.278

■ 72, 57.706,
311.805

■ 65, 72.562,
312.316

■ 59, 86.941,
312.763

■ 53, 100.187,
313.074

■ 48, 111.397,
313.150

■ 44, 119.566,
312.877

■ 42, 124.330,
312.217

Harmonies

Complementary

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



93, 13.738, 310.189



98, 13.491, 129.436

Rectangle

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



93, 13.738, 310.189



93, 13.738, 0.189



93, 13.738, 130.189



93, 13.738, 180.189

Sweetspot

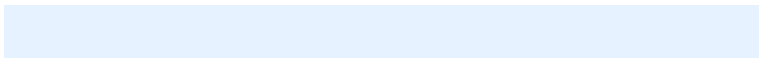
The Sweet Spot groups the original color and five complimentary colors.



93, 13.674, 310.276



98, 4.172, 309.947



95, 7.696, 258.557



52, 3.164, 309.990



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, 13.674, 310.276



91, 16.875, 310.383



94, 15.365, 325.410



49, 7.968, 310.264



31, 100.043, 312.396



6, 44.872, 313.502

Inverse Universe

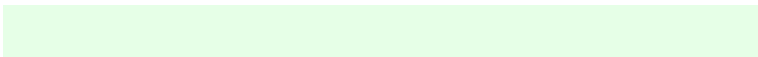
The Inverse Universe completely reimagines the original color for something new.



94, 10.790, 345.683



92, 13.313, 345.898



98, 15.342, 144.323



50, 6.288, 345.659



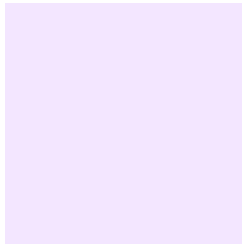
41, 68.064, 4.281



10, 31.674, 358.333

Previews

White Background



This preview shows how the CIE LCh color 93, 13.738, 310.189 looks on a white background.

Color Contrast Check

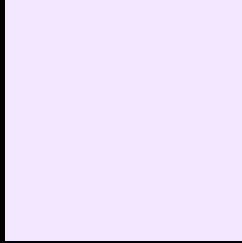
Large Text (above 18pt) WCAG AA × Fail

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, 13.738, 310.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

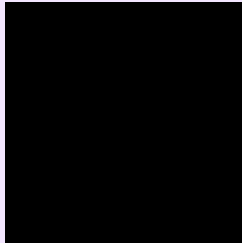
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

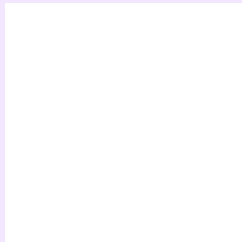
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.738, 310.189

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.738, 310.189.

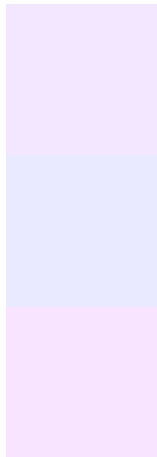


This preview shows how white text looks on a background with the CIELCh color 93, 13.738, 310.189.

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, 13.738, 310.189

Protanopia

93, 11.367, 291.076

Deuteranopia

93, 15.654, 317.449



Tritanopia
93, 10.108, 313.137

Trichromacy



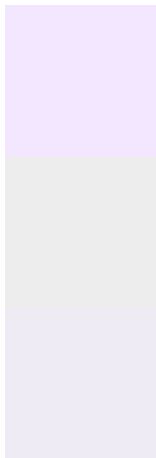
Original Color
93, 13.738, 310.189

Protanomaly
93, 12.038, 299.288

Deuteranomaly
93, 14.736, 314.669

Tritanomaly
93, 11.067, 311.125

Monochromacy



Original Color
93, 13.738, 310.189

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.872, 307.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.738, 310.189 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(243, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 255)  
}
```

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(243, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.738, 310.189 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(243, 230, 255) }
```

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

```
.border{ border-color:rgb(243, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.738, 310.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 255) }
```

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

```
.background{ background-color: rgb(243,  
230, 255) }
```

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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