

Converting Colors

CIELCh(95, 39.412, 298.851)

Have a look what the booklet for
CIELCh(95, 39.412, 298.851)
contains.

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Color

CIELCh(93, 13.242, 310.910)

Conversions

Conversions Part 1

Format	Color
Hex	F3E6FE
RGB	243, 230, 254
RGB Percent	95%, 90%, 100%
CMY	0.0463, 0.0972, 0.0032
CMYK	0.04, 0.09, 0.00, 0.00
HSL	272°, 94%, 95%
HSV	272°, 9%, 100%
XYZ	83.3053, 82.9670, 105.5507
YIQ	236.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

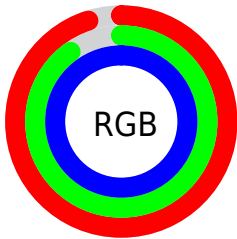
Format	Color
R _Y B	243, 230, 254
Decimal	15984382
CIE Lab	93.00, 8.67, -10.01
CIE LCh	93, 13.242, 310.910
Yxy	82.9670, 0.3065, 0.3052
Android (android.graphics.Color)	4294174462 (0xFFFF3E6FE)
YUV	236.6230, 8.5669, 5.5926
Hunter-Lab	91.0862, 3.8509, -4.9449

Details

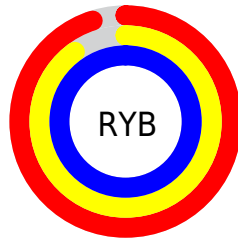
The CIELCh color **93, 13.242, 310.910** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.074, 130.110**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.780, 311.112** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.634, 311.385**, and if you desaturate by 10%, it is **100, 0.401, 117.307**.

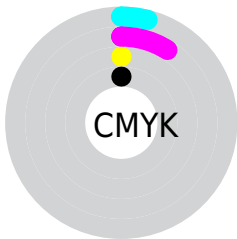
Distribution



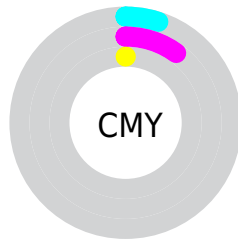
- Red (95%)
- Green (90%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.242, 310.910 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, 13.242, 310.910 by changing the saturation by 10% instead.


 93, 13.242,
310.910


 93, 13.242,
310.910


 100, 13.242,
310.910


 83, 13.242,
310.910

 73, 13.242,
310.910

 63, 13.242,
310.910

 53, 13.242,
310.910

 43, 13.242,
310.910

 33, 13.242,
310.910

 23, 13.242,

310.910

■ 13, 13.242,
310.910

■ 3, 13.242, 310.910

■ 93, 13.242,
310.910

■ 93, 13.242,
310.910

■ 86, 27.634,
311.385

100, 0.401,
117.307

■ 79, 42.342,
311.886

100, 0.398,
109.954

■ 72, 57.222,
312.396

■ 65, 72.022,
312.887

■ 59, 86.320,
313.310

■ 53, 99.466,
313.598

■ 49, 110.576,
313.653

■ 45, 118.679,
313.371

■ 42, 123.387,
312.704

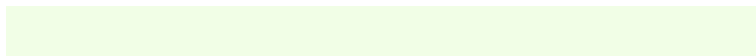
Harmonies

Complementary

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



93, 13.242, 310.910



98, 13.074, 130.110

Rectangle

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



93, 13.242, 310.910



93, 13.242, 0.910



93, 13.242, 130.910



93, 13.242, 180.910

Sweetspot

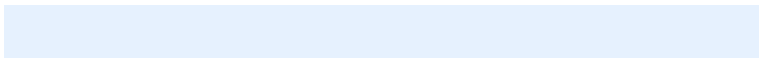
The Sweet Spot groups the original color and five complimentary colors.



93, 13.240, 310.908



98, 4.189, 310.598



95, 7.534, 260.259



52, 3.178, 310.640



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, 13.240, 310.908



92, 15.509, 310.981



94, 14.654, 325.850



49, 8.000, 310.911



31, 99.634, 312.858



6, 44.838, 314.030

Inverse Universe

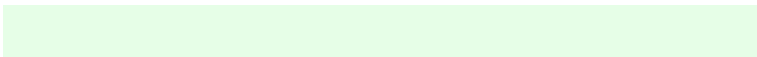
The Inverse Universe completely reimagines the original color for something new.



94, 10.278, 346.733



93, 12.040, 346.885



97, 14.630, 144.797



50, 6.211, 346.740



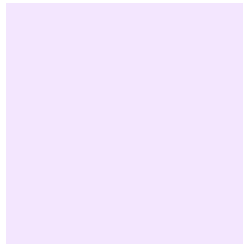
41, 68.001, 6.119



10, 31.539, 359.889

Previews

White Background



This preview shows how the CIE LCh color 93, 13.242, 310.910 looks on a white background.

Color Contrast Check

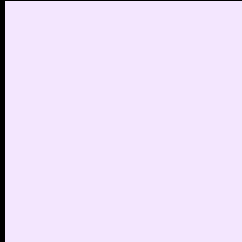
Large Text (above 18pt) WCAG AA × Fail

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, 13.242, 310.910 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

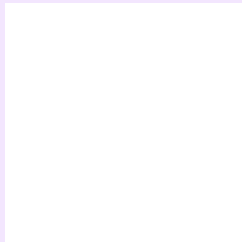
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.242, 310.910

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.242, 310.910.



This preview shows how white text looks on a background with the CIELCh color 93, 13.242, 310.910.

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, 13.253, 310.911
	Protanopia 93, 11.367, 291.076
	Deuteranopia 93, 15.811, 318.592



Tritanopia
93, 10.108, 313.137

Trichromacy



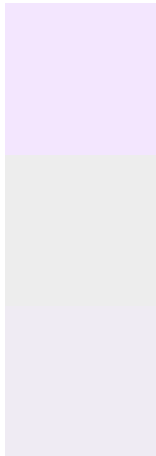
Original Color
93, 13.253, 310.911

Protanomaly
93, 12.038, 299.288

Deuteranomaly
93, 14.879, 315.905

Tritanomaly
93, 11.067, 311.125

Monochromacy



Original Color
93, 13.253, 310.911

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, 13.242, 310.910 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.242, 310.910 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, 254) }
```

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

```
.border{ border-color:rgb(243, 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(243, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.242, 310.910 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, 254) }
```

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

```
.background{ background-color: rgb(243,  
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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