

Converting Colors

CIELCh(93, 13.932, 312.332)

Have a look what the booklet for
CIELCh(93, 13.932, 312.332)
contains.

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Color

CIElCh(93, 13.856, 311.548)

Conversions

Conversions Part 1

Format	Color
Hex	F4E6FF
RGB	244, 230, 255
RGB Percent	96%, 90%, 100%
CMY	0.0435, 0.0984, 0.0004
CMYK	0.04, 0.10, 0.00, 0.00
HSL	274°, 99%, 95%
HSV	274°, 10%, 100%
XYZ	83.5762, 82.9670, 106.1314
YIQ	237.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

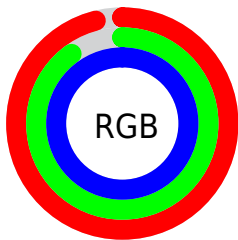
Format	Color
R_{YB}	244, 230, 255
Decimal	16049919
CIE Lab	93.00, 9.19, -10.37
CIE LCh	93, 13.856, 311.548
Yxy	82.9670, 0.3065, 0.3043
Android (android.graphics.Color)	4294239999 (0xFF4E6FF)
YUV	237.0360, 8.8563, 6.1074
Hunter-Lab	91.0862, 4.3818, -5.3229

Details

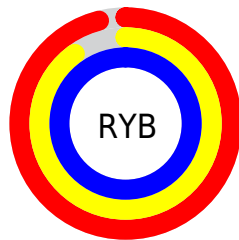
The CIELCh color `93, 13.856, 311.548` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 13.682, 130.723`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 13.413, 311.799` is the 20% darker color. If you saturate the color by 10%, you get `86, 28.341, 312.017`, and if you desaturate by 10%, it is `100, 0.039, 108.203`.

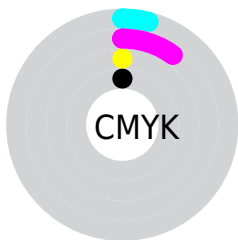
Distribution



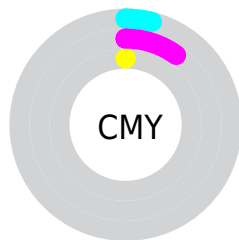
- Red (96%)
- Green (90%)
- Blue (100%)



- Red (96%)
- Yellow (90%)
- Blue (100%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.856, 311.548 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, 13.856, 311.548 by changing the saturation by 10% instead.


 93, 13.856,
311.548


 93, 13.856,
311.548


 100, 13.856,
311.548


 83, 13.856,
311.548

 73, 13.856,
311.548

 63, 13.856,
311.548

 53, 13.856,
311.548

 43, 13.856,
311.548

 33, 13.856,
311.548

 23, 13.856,

311.548

■ 13, 13.856,
311.548

■ 3, 13.856, 311.548

■ 93, 13.856,
311.548

■ 93, 13.856,
311.548

■ 86, 28.341,
312.017

100, 0.039,
108.203

■ 79, 43.123,
312.507

■ 72, 58.046,
313.002

■ 66, 72.844,
313.471

■ 59, 87.075,
313.868

■ 54, 100.076,
314.123

■ 49, 110.962,
314.142

■ 45, 118.796,
313.825

■ 43, 123.303,
313.139

Harmonies

Complementary

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



93, 13.856, 311.548



98, 13.682, 130.723

Rectangle

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



93, 13.856, 311.548



93, 13.856, 1.548



93, 13.856, 131.548



93, 13.856, 181.548

Sweetspot

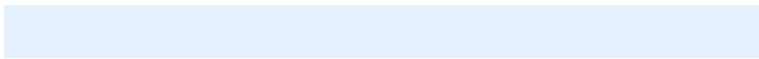
The Sweet Spot groups the original color and five complimentary colors.



93, 13.854, 311.546



98, 4.207, 311.222



95, 7.968, 262.007



52, 3.191, 311.264



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, 13.854, 311.546



91, 17.008, 311.648



94, 15.095, 326.342



49, 8.032, 311.532



32, 99.242, 313.320



7, 44.795, 314.542

Inverse Universe

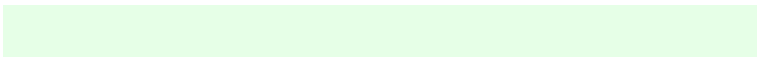
The Inverse Universe completely reimagines the original color for something new.



94, 10.587, 347.840



92, 13.001, 348.058



98, 15.070, 145.235



50, 6.138, 347.810



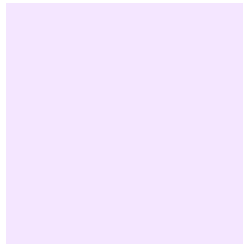
41, 68.018, 7.905



10, 31.436, 1.412

Previews

White Background



This preview shows how the CIE LCh color 93, 13.856, 311.548 looks on a white background.

Color Contrast Check

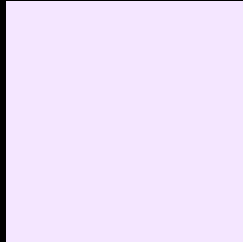
Large Text (above 18pt) WCAG AA × Fail

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, 13.856, 311.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

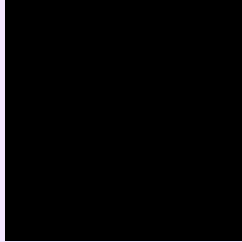
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

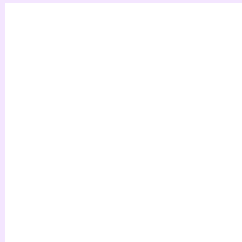
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.856, 311.548

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.856, 311.548.



This preview shows how white text looks on a background with the CIELCh color 93, 13.856, 311.548.

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, 13.856, 311.548
	Protanopia 93, 11.367, 291.076
	Deuteranopia 93, 15.654, 317.449



Tritanopia
93, 10.247, 314.951

Trichromacy



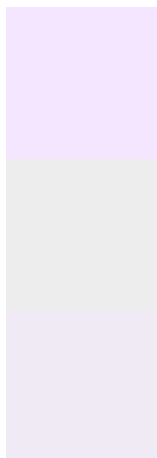
Original Color
93, 13.856, 311.548

Protanomaly
93, 12.038, 299.288

Deuteranomaly
93, 14.879, 315.905

Tritanomaly
93, 11.194, 312.803

Monochromacy



Original Color
93, 13.856, 311.548

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 5.603, 312.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.856, 311.548 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(244, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.856, 311.548 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(244, 230, 255) }
```

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

```
.border{ border-color:rgb(244, 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(244, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.856, 311.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 230, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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