

Converting Colors

CIELCh(93, 12.702, 313.844)

Have a look what the booklet for
CIELCh(93, 12.702, 313.844)
contains.

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Color

CIElCh(93, 12.898, 313.142)

Conversions

Conversions Part 1

Format	Color
Hex	F4E6FD
RGB	244, 230, 253
RGB Percent	96%, 90%, 99%
CMY	0.0429, 0.0978, 0.0076
CMYK	0.04, 0.09, 0.00, 0.01
HSL	277°, 86%, 95%
HSV	277°, 9%, 99%
XYZ	83.3826, 82.9670, 104.5996
YIQ	236.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

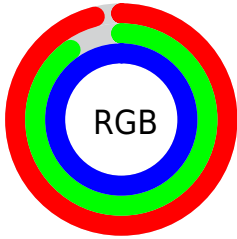
Format	Color
R_{YB}	244, 230, 253
Decimal	16049917
CIE Lab	93.00, 8.82, -9.41
CIE LCh	93, 12.898, 313.142
Yxy	82.9670, 0.3077, 0.3062
Android (android.graphics.Color)	4294239997 (0xFFFF4E6FD)
YUV	236.8080, 7.9827, 6.3074
Hunter-Lab	91.0862, 4.0024, -4.3258

Details

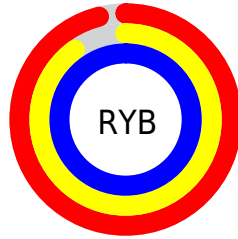
The CIELCh color `93, 12.898, 313.142` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 12.762, 132.400`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 12.407, 313.549` is the 20% darker color. If you saturate the color by 10%, you get `86, 27.406, 313.594`, and if you desaturate by 10%, it is `100, 1.040, 130.345`.

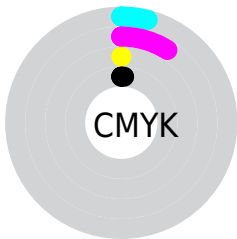
Distribution



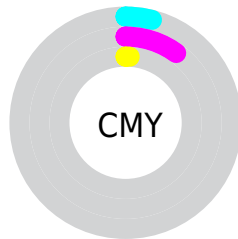
- Red (96%)
- Green (90%)
- Blue (99%)



- Red (96%)
- Yellow (90%)
- Blue (99%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (10%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.898, 313.142 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, 12.898, 313.142 by changing the saturation by 10% instead.


 93, 12.898,
313.142


 93, 12.898,
313.142


 100, 12.898,
313.142


 83, 12.898,
313.142

 73, 12.898,
313.142

 63, 12.898,
313.142

 53, 12.898,
313.142

 43, 12.898,
313.142

 33, 12.898,
313.142

 23, 12.898,

313.142

■ 13, 12.898,
313.142

■ 3, 12.898, 313.142

■ 93, 12.898,
313.142

■ 93, 12.898,
313.142

■ 86, 27.406,
313.594

■ 100, 1.040,
130.345

■ 79, 42.177,
314.060

■ 100, 0.971,
110.026

■ 73, 57.041,
314.523

■ 66, 71.716,
314.953

■ 60, 85.754,
315.306

■ 55, 98.503,
315.518

■ 50, 109.124,
315.507

■ 47, 116.757,
315.182

■ 44, 121.088,
314.504

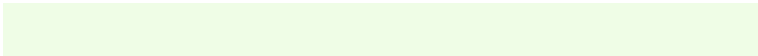
Harmonies

Complementary

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



93, 12.898, 313.142



98, 12.762, 132.400

Rectangle

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



93, 12.898, 313.142



93, 12.898, 3.142



93, 12.898, 133.142



93, 12.898, 183.142

Sweetspot

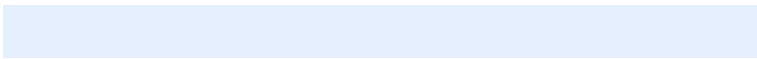
The Sweet Spot groups the original color and five complimentary colors.



93, 12.895, 313.140



98, 4.256, 312.852



94, 7.709, 266.686



52, 3.228, 312.895



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, 12.895, 313.140



92, 15.742, 313.226



94, 13.431, 327.776



49, 8.122, 313.159



33, 98.224, 314.621



7, 44.629, 315.912

Inverse Universe

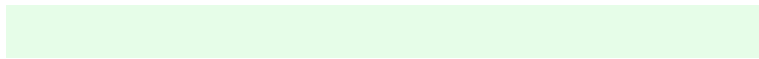
The Inverse Universe completely reimagines the original color for something new.



93, 9.457, 350.731



93, 11.553, 350.930



97, 13.403, 146.737



50, 5.957, 350.775



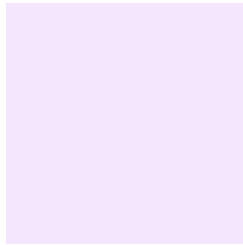
41, 68.442, 12.650



10, 31.289, 5.527

Previews

White Background



This preview shows how the CIE LCh color 93, 12.898, 313.142 looks on a white background.

Color Contrast Check

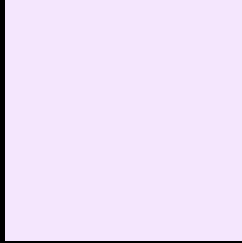
Large Text (above 18pt) WCAG AA × Fail

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, 12.898, 313.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

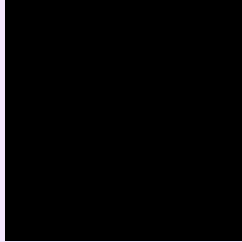
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

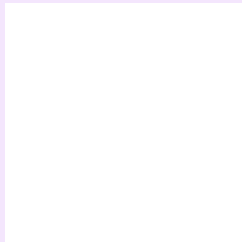
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 12.898, 313.142

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.898, 313.142.

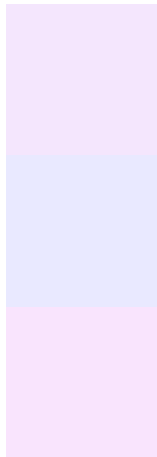


This preview shows how white text looks on a background with the CIELCh color 93, 12.898, 313.142.

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, 12.898, 313.142

Protanopia

93, 11.367, 291.076

Deuteranopia

93, 14.911, 320.431



Tritanopia
93, 10.247, 314.951

Trichromacy



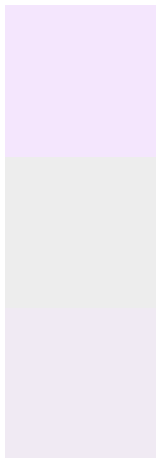
Original Color
93, 12.898, 313.142

Protanomaly
93, 11.527, 299.629

Deuteranomaly
93, 13.955, 317.686

Tritanomaly
93, 10.719, 313.828

Monochromacy



Original Color
93, 12.898, 313.142

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 5.130, 314.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.898, 313.142 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(244, 230, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.898, 313.142 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, 253) }
```

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

```
.border{ border-color:rgb(244, 230, 253) }
```

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, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 253);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.898, 313.142 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, 253) }
```

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

```
.background{ background-color: rgb(244,  
230, 253) }
```

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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