

Converting Colors

CIELCh(100, 99.600, 298.817)

Have a look what the booklet for
CIELCh(100, 99.600, 298.817)
contains.

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Color

CIElCh(93, 13.365, 312.313)

Conversions

Conversions Part 1

Format	Color
Hex	F4E6FE
RGB	244, 230, 254
RGB Percent	96%, 90%, 100%
CMY	0.0432, 0.0981, 0.0040
CMYK	0.04, 0.09, 0.00, 0.00
HSL	275°, 92%, 95%
HSV	275°, 9%, 100%
XYZ	83.4753, 82.9670, 105.3519
YIQ	236.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

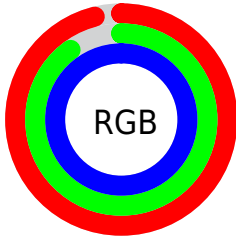
Format	Color
R_{YB}	244, 230, 254
Decimal	16049918
CIE Lab	93.00, 9.00, -9.88
CIE LCh	93, 13.365, 312.313
Yxy	82.9670, 0.3071, 0.3053
Android (android.graphics.Color)	4294239998 (0xFFFF4E6FE)
YUV	236.9220, 8.4195, 6.2074
Hunter-Lab	91.0862, 4.1840, -4.8154

Details

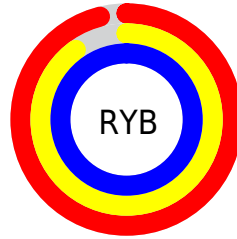
The CIELCh color **93, 13.365, 312.313** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.211, 131.531**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.909, 312.638** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.856, 312.773**, and if you desaturate by 10%, it is **100, 0.537, 126.665**.

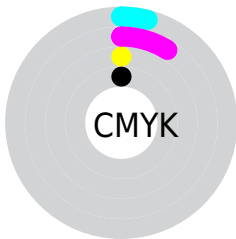
Distribution



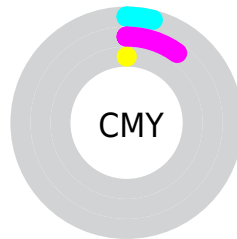
- Red (96%)
- Green (90%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.365, 312.313 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, 13.365, 312.313 by changing the saturation by 10% instead.


 93, 13.365,
312.313


 93, 13.365,
312.313


 100, 13.365,
312.313


 83, 13.365,
312.313

 73, 13.365,
312.313

 63, 13.365,
312.313

 53, 13.365,
312.313

 43, 13.365,
312.313

 33, 13.365,
312.313

 23, 13.365,

312.313

■ 13, 13.365,
312.313

■ 3, 13.365, 312.313

■ 93, 13.365,
312.313

■ 93, 13.365,
312.313

■ 86, 27.856,
312.773

100, 0.537,
126.665

■ 79, 42.628,
313.250

100, 0.512,
109.989

■ 72, 57.518,
313.728

■ 66, 72.253,
314.177

■ 60, 86.389,
314.551

■ 54, 99.269,
314.784

■ 50, 110.031,
314.787

■ 46, 117.776,
314.464

■ 44, 122.203,
313.779

Harmonies

Complementary

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



93, 13.365, 312.313



98, 13.211, 131.531

Rectangle

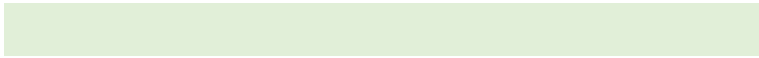
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.365, 312.313



93, 13.365, 2.313



93, 13.365, 132.313



93, 13.365, 182.313

Sweetspot

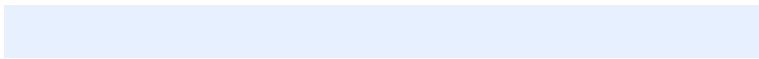
The Sweet Spot groups the original color and five complimentary colors.



93, 13.362, 312.311



98, 4.230, 312.006



95, 7.771, 263.600



52, 3.208, 312.048



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, 13.362, 312.311



92, 15.651, 312.382



94, 14.323, 326.801



49, 8.074, 312.314



32, 98.750, 313.929



7, 44.726, 315.196

Inverse Universe

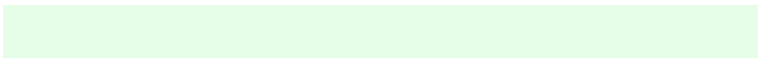
The Inverse Universe completely reimagines the original color for something new.



93, 10.012, 349.198



93, 11.731, 349.356



97, 14.298, 145.733



50, 6.050, 349.205



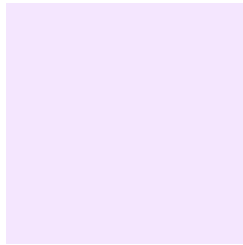
41, 68.152, 10.176



10, 31.342, 3.368

Previews

White Background



This preview shows how the CIE LCh color 93, 13.365, 312.313 looks on a white background.

Color Contrast Check

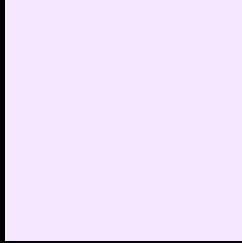
Large Text (above 18pt) WCAG AA × Fail

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, 13.365, 312.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

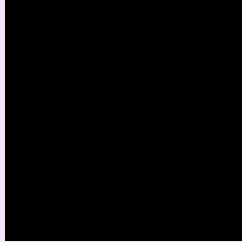
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

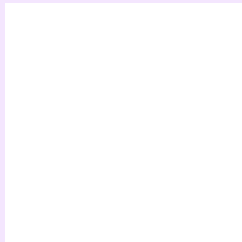
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.365, 312.313

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.365, 312.313.

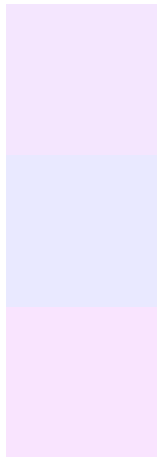


This preview shows how white text looks on a background with the CIELCh color 93, 13.365, 312.313.

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, 13.376, 312.315

Protanopia

93, 11.367, 291.076

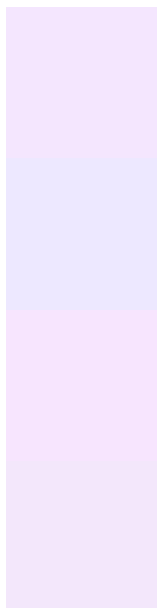
Deuteranopia

93, 15.359, 319.483



Tritanopia
93, 10.247, 314.951

Trichromacy



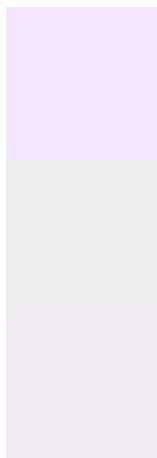
Original Color
93, 13.376, 312.315

Protanomaly
93, 12.038, 299.288

Deuteranomaly
93, 14.415, 316.766

Tritanomaly
93, 11.194, 312.803

Monochromacy



Original Color
93, 13.376, 312.315

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, 13.365, 312.313 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.365, 312.313 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, 254) }
```

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

```
.border{ border-color:rgb(244, 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(244, 230, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.365, 312.313 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, 254) }
```

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

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