

Converting Colors

CIELCh(93, 19.532, 313.681)

Have a look what the booklet for
CIELCh(93, 19.532, 313.681)
contains.

CIELCh(93, 16.438, 318.852)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 16.438, 318.852)

Conversions

Conversions Part 1

Format	Color
Hex	FAE4FF
RGB	250, 228, 255
RGB Percent	98%, 89%, 100%
CMY	0.0202, 0.1065, 0.0000
CMYK	0.02, 0.11, 0.00, 0.00
HSL	289°, 100%, 95%
HSV	289°, 11%, 100%
XYZ	85.2560, 82.9670, 106.8499
YIQ	237.6560, 4.4450, 13.0610

Conversions

Conversions Part 2

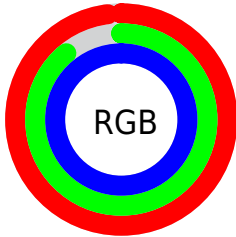
Format	Color
R_{YB}	250, 228, 255
Decimal	16442623
CIE _{Lab}	93.00, 12.38, -10.82
CIE _{LCh}	93, 16.438, 318.852
Yxy	82.9670, 0.3099, 0.3016
Android (android.graphics.Color)	4294632703 (0xFFFAE4FF)
YUV	237.6560, 8.5506, 10.8257
Hunter-Lab	91.0862, 7.6738, -5.7905

Details

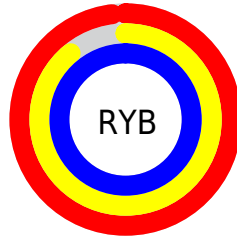
The CIELCh color **93, 16.438, 318.852** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **98, 15.959, 138.632**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 15.472, 319.354** is the 20% darker color. If you saturate the color by 10%, you get **87, 31.343, 320.050**, and if you desaturate by 10%, it is **100, 0.981, 318.894**.

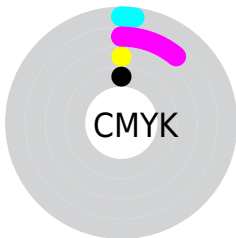
Distribution



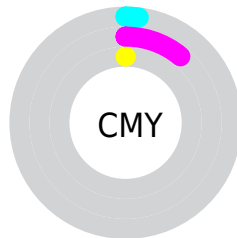
- Red (98%)
- Green (89%)
- Blue (100%)



- Red (98%)
- Yellow (89%)
- Blue (100%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (11%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.438, 318.852 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, 16.438, 318.852 by changing the saturation by 10% instead.


 93, 16.438,
318.852


 93, 16.438,
318.852


 100, 16.438,
318.852


 83, 16.438,
318.852

 73, 16.438,
318.852

 63, 16.438,
318.852

 53, 16.438,
318.852

 43, 16.438,
318.852

 33, 16.438,
318.852

 23, 16.438,

318.852

■ 13, 16.438,
318.852

■ 3, 16.438, 318.852

■ 93, 16.438,
318.852

■ 93, 16.438,
318.852

■ 87, 31.343,
320.050

■ 100, 0.981,
318.894

■ 80, 46.678,
320.501

■ 100, 0.012,
296.813

■ 74, 61.773,
320.922

■ 69, 76.211,
321.287

■ 64, 89.428,
321.559

■ 60, 100.737,
321.694

■ 56, 109.437,
321.648

■ 54, 115.028,
321.381

■ 52, 117.655,
320.940

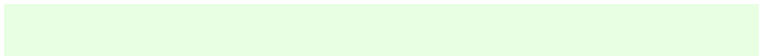
Harmonies

Complementary

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



93, 16.438, 318.852



98, 15.959, 138.632

Rectangle

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



93, 16.438, 318.852



93, 16.438, 8.852



93, 16.438, 138.852



93, 16.438, 188.852

Sweetspot

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



93, 16.050, 319.586



98, 4.494, 319.201



93, 11.343, 281.718



52, 3.408, 319.248



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, 16.050, 319.586



91, 19.627, 319.696



93, 13.763, 334.994



50, 8.559, 319.532



39, 94.720, 321.057



10, 43.441, 321.873

Inverse Universe

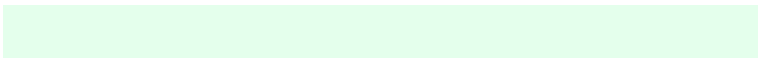
The Inverse Universe completely reimagines the original color for something new.



93, 10.166, 5.002



91, 12.488, 5.261



98, 13.689, 153.553



50, 5.410, 4.878



40, 75.464, 30.368



10, 32.046, 19.248

Previews

White Background



This preview shows how the CIE LCh color 93, 16.438, 318.852 looks on a white background.

Color Contrast Check

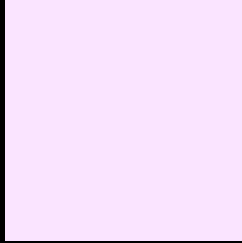
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 16.438, 318.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

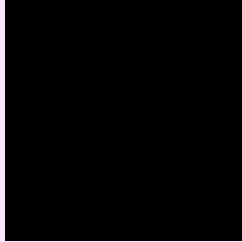
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

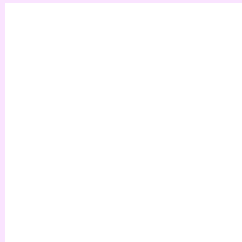
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 16.438, 318.852

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.438, 318.852.

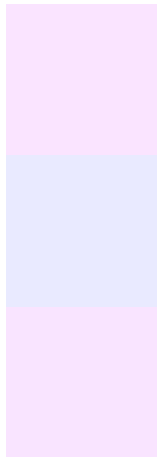


This preview shows how white text looks on a background with the CIELCh color 93, 16.438, 318.852.

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, 15.974, 319.714

Protanopia

93, 10.843, 289.231

Deuteranopia

93, 15.811, 318.592



Tritanopia
93, 11.709, 327.710

Trichromacy



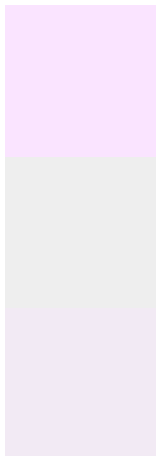
Original Color
93, 15.974, 319.714

Protanomaly
93, 12.162, 302.496

Deuteranomaly
93, 15.811, 318.592

Tritanomaly
93, 12.966, 323.579

Monochromacy



Original Color
93, 15.974, 319.714

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.909, 318.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.438, 318.852 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(250, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 228, 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(250, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 228, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.438, 318.852 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(250, 228, 255) }
```

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

```
.border{ border-color:rgb(250, 228, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 228,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.438, 318.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 228, 255) }
```

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

```
.background{ background-color: rgb(250,  
228, 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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