

Converting Colors

CIELCh(93, 15.037, 316.957)

Have a look what the booklet for
CIELCh(93, 15.037, 316.957)
contains.

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Color

CIELCh(93, 15.028, 317.120)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5FF
RGB	248, 229, 255
RGB Percent	97%, 90%, 100%
CMY	0.0287, 0.1031, 0.0012
CMYK	0.03, 0.10, 0.00, 0.00
HSL	284°, 98%, 95%
HSV	284°, 10%, 100%
XYZ	84.5337, 82.9670, 105.9007
YIQ	237.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

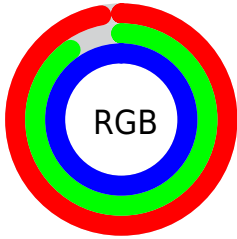
Format	Color
R _Y B	248, 229, 255
Decimal	16311807
CIE Lab	93.00, 11.01, -10.23
CIE LCh	93, 15.028, 317.120
Yxy	82.9670, 0.3092, 0.3035
Android (android.graphics.Color)	4294501887 (0xFF8E5FF)
YUV	237.6450, 8.5560, 9.0813
Hunter-Lab	91.0862, 6.2581, -5.1727

Details

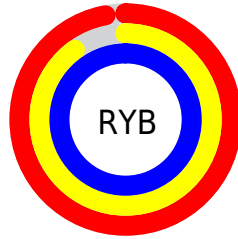
The CIELCh color **93, 15.028, 317.120** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 14.910, 136.261**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 14.648, 317.798** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.019, 317.566**, and if you desaturate by 10%, it is **100, 0.308, 315.971**.

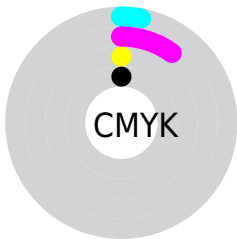
Distribution



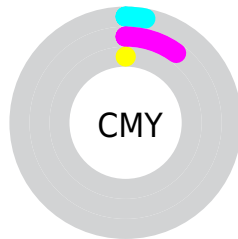
- Red (97%)
- Green (90%)
- Blue (100%)



- Red (97%)
- Yellow (90%)
- Blue (100%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 15.028, 317.120 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, 15.028, 317.120 by changing the saturation by 10% instead.


 93, 15.028,
317.120


 93, 15.028,
317.120


 100, 15.028,
317.120


 83, 15.028,
317.120

 73, 15.028,
317.120

 63, 15.028,
317.120

 53, 15.028,
317.120

 43, 15.028,
317.120

 33, 15.028,
317.120

 23, 15.028,

317.120

■ 13, 15.028,
317.120

■ 3, 15.028, 317.120

■ 93, 15.028,
317.120

■ 93, 15.028,
317.120

■ 86, 30.019,
317.566

100, 0.308,
315.971

■ 80, 45.144,
318.009

100, 0.148,
109.643

■ 74, 60.164,
318.429

■ 68, 74.712,
318.796

■ 62, 88.262,
319.071

■ 58, 100.124,
319.199

■ 54, 109.529,
319.120

■ 51, 115.834,
318.776

■ 49, 119.088,
318.179

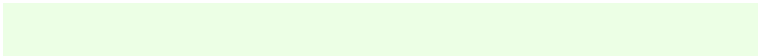
Harmonies

Complementary

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



93, 15.028, 317.120



98, 14.910, 136.261

Rectangle

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



93, 15.028, 317.120



93, 15.028, 7.120



93, 15.028, 137.120



93, 15.028, 187.120

Sweetspot

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



93, 15.025, 317.119



98, 4.394, 316.773



93, 9.879, 276.259



52, 3.332, 316.818



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, 15.025, 317.119



92, 17.718, 317.200



93, 13.974, 331.741



50, 8.374, 317.087



37, 95.929, 318.332



9, 43.891, 319.412

Inverse Universe

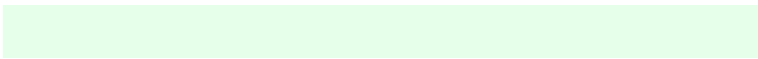
The Inverse Universe completely reimagines the original color for something new.



93, 10.027, 359.057



92, 11.850, 359.256



98, 13.926, 150.461



50, 5.584, 358.981



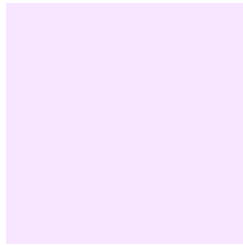
40, 71.825, 23.983



10, 31.600, 14.801

Previews

White Background



This preview shows how the CIE LCh color 93, 15.028, 317.120 looks on a white background.

Color Contrast Check

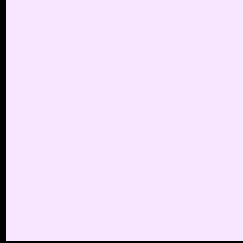
Large Text (above 18pt) WCAG AA × Fail

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, 15.028, 317.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

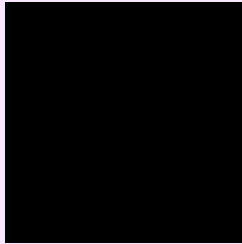
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

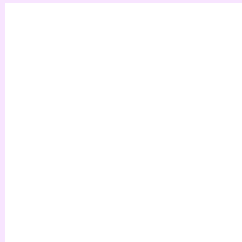
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 15.028, 317.120

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.028, 317.120.



This preview shows how white text looks on a background with the CIELCh color 93, 15.028, 317.120.

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, 15.028, 317.120
	Protanopia 93, 10.843, 289.231
	Deuteranopia 93, 15.811, 318.592



Tritanopia
93, 11.095, 323.295

Trichromacy



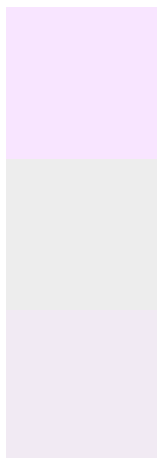
Original Color
93, 15.028, 317.120

Protanomaly
93, 12.095, 300.899

Deuteranomaly
93, 15.811, 318.592

Tritanomaly
93, 11.972, 320.634

Monochromacy



Original Color
93, 15.028, 317.120

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 5.287, 318.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.028, 317.120 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(248, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 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(248, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.028, 317.120 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(248, 229, 255) }
```

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

```
.border{ border-color:rgb(248, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.028, 317.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 255) }
```

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

```
.background{ background-color: rgb(248,  
229, 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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