

Converting Colors

CIELCh(95, 37.811, 301.896)

Have a look what the booklet for
CIELCh(95, 37.811, 301.896)
contains.

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Color

CIELCh(93, 14.558, 318.010)

Conversions

Conversions Part 1

Format	Color
Hex	F8E5FE
RGB	248, 229, 254
RGB Percent	97%, 90%, 100%
CMY	0.0284, 0.1028, 0.0049
CMYK	0.02, 0.10, 0.00, 0.00
HSL	286°, 91%, 95%
HSV	286°, 10%, 100%
XYZ	84.4325, 82.9670, 105.1223
YIQ	237.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

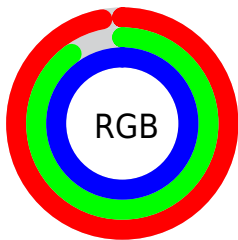
Format	Color
R_{YB}	248, 229, 254
Decimal	16311806
CIE _{Lab}	93.00, 10.82, -9.74
CIE _{LCh}	93, 14.558, 318.010
Yxy	82.9670, 0.3098, 0.3044
Android (android.graphics.Color)	4294501886 (0xFFFF8E5FE)
YUV	237.5310, 8.1192, 9.1813
Hunter-Lab	91.0862, 6.0599, -4.6660

Details

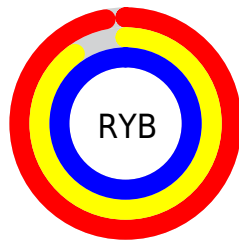
The CIELCh color `93, 14.558, 318.010` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 14.457, 137.170`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 14.169, 318.781` is the 20% darker color. If you saturate the color by 10%, you get `86, 29.595, 318.461`, and if you desaturate by 10%, it is `100, 0.222, 138.659`.

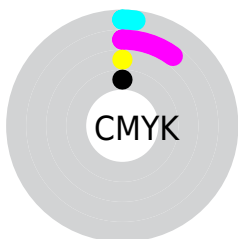
Distribution



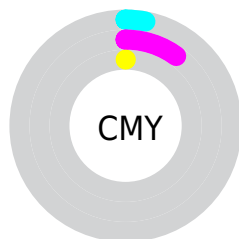
- Red (97%)
- Green (90%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 14.558, 318.010 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, 14.558, 318.010 by changing the saturation by 10% instead.


 93, 14.558,
318.010


 93, 14.558,
318.010


 100, 14.558,
318.010


 83, 14.558,
318.010

 73, 14.558,
318.010

 63, 14.558,
318.010

 53, 14.558,
318.010

 43, 14.558,
318.010

 33, 14.558,
318.010

 23, 14.558,

318.010

■ 13, 14.558,
318.010

■ 3, 14.558, 318.010

■ 93, 14.558,
318.010

■ 93, 14.558,
318.010

■ 86, 29.595,
318.461

■ 100, 0.222,
138.659

■ 80, 44.746,
318.905

■ 100, 0.621,
110.007

■ 74, 59.759,
319.325

■ 68, 74.259,
319.692

■ 63, 87.717,
319.968

■ 58, 99.451,
320.103

■ 55, 108.716,
320.042

■ 52, 114.909,
319.734

■ 50, 118.111,
319.175

Harmonies

Complementary

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



93, 14.558, 318.010



98, 14.457, 137.170

Rectangle

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



93, 14.558, 318.010



93, 14.558, 8.010



93, 14.558, 138.010



93, 14.558, 188.010

Sweetspot

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



93, 14.555, 318.009



98, 4.429, 317.675



93, 9.857, 278.491



52, 3.359, 317.720



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, 14.555, 318.009



92, 17.855, 318.107



93, 13.118, 332.956



50, 8.440, 317.994



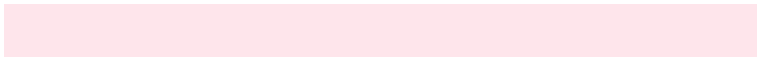
38, 95.456, 319.304



9, 43.715, 320.295

Inverse Universe

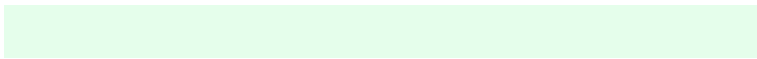
The Inverse Universe completely reimagines the original color for something new.



93, 9.512, 1.132



92, 11.706, 1.371



97, 13.065, 151.695



50, 5.513, 1.095



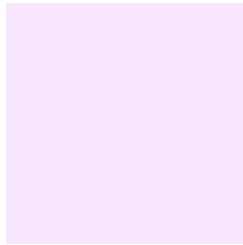
40, 73.059, 26.445



10, 31.754, 16.573

Previews

White Background



This preview shows how the CIE LCh color 93, 14.558, 318.010 looks on a white background.

Color Contrast Check

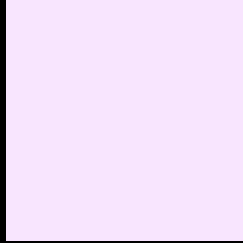
Large Text (above 18pt) WCAG AA × Fail

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, 14.558, 318.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

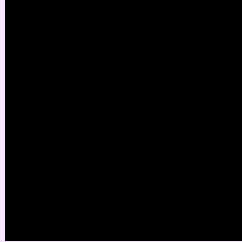
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

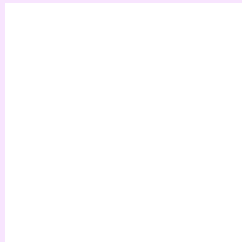
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 14.558, 318.010

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.558, 318.010.



This preview shows how white text looks on a background with the CIELCh color 93, 14.558, 318.010.

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, 14.570, 318.012
	Protanopia 93, 10.843, 289.231
	Deuteranopia 93, 15.359, 319.483



Tritanopia
93, 11.095, 323.295

Trichromacy



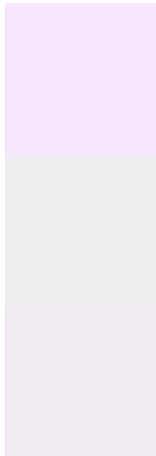
Original Color
93, 14.570, 318.012

Protanomaly
93, 12.095, 300.899

Deuteranomaly
93, 15.359, 319.483

Tritanomaly
93, 11.972, 320.634

Monochromacy



Original Color
93, 14.570, 318.012

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, 14.558, 318.010 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 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(248, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.558, 318.010 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, 254) }
```

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

```
.border{ border-color:rgb(248, 229, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.558, 318.010 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, 254) }
```

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

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