

Converting Colors

CIELCh(94, 26.753, 303.367)

Have a look what the booklet for
CIELCh(94, 26.753, 303.367)
contains.

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Color

CIECh(93, 14.116, 314.202)

Conversions

Conversions Part 1

Format	Color
Hex	F5E5FE
RGB	245, 229, 254
RGB Percent	96%, 90%, 100%
CMY	0.0375, 0.1002, 0.0022
CMYK	0.04, 0.10, 0.00, 0.00
HSL	278°, 96%, 95%
HSV	278°, 10%, 100%
XYZ	83.9177, 82.9670, 105.7301
YIQ	236.6340, 1.5110, 11.1670

Conversions

Conversions Part 2

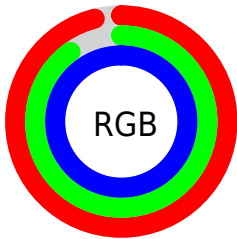
Format	Color
R_{YB}	245, 229, 254
Decimal	16115198
CIE Lab	93.00, 9.84, -10.12
CIE LCh	93, 14.116, 314.202
Yxy	82.9670, 0.3078, 0.3043
Android (android.graphics.Color)	4294305278 (0xFF5E5FE)
YUV	236.6340, 8.5614, 7.3370
Hunter-Lab	91.0862, 5.0511, -5.0616

Details

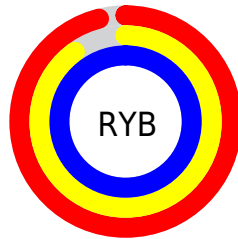
The CIELCh color **93, 14.116, 314.202** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.972, 133.397**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.699, 314.673** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.802, 314.649**, and if you desaturate by 10%, it is **100, 0.244, 134.594**.

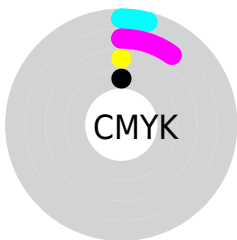
Distribution



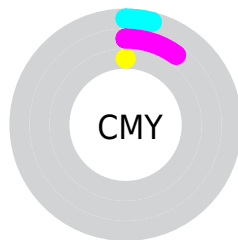
- Red (96%)
- Green (90%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 14.116, 314.202 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, 14.116, 314.202 by changing the saturation by 10% instead.


 93, 14.116,
314.202


 93, 14.116,
314.202


 100, 14.116,
314.202


 83, 14.116,
314.202

 73, 14.116,
314.202

 63, 14.116,
314.202

 53, 14.116,
314.202

 43, 14.116,
314.202

 33, 14.116,
314.202

 23, 14.116,

314.202

■ 13, 14.116,
314.202

■ 3, 14.116, 314.202

■ 93, 14.116,
314.202

■ 93, 14.116,
314.202

■ 86, 28.802,
314.649

100, 0.244,
134.594

■ 79, 43.713,
315.105

100, 0.270,
109.871

■ 73, 58.660,
315.550

■ 67, 73.329,
315.956

■ 61, 87.243,
316.275

■ 56, 99.725,
316.447

■ 51, 109.943,
316.393

■ 48, 117.094,
316.033

■ 46, 121.061,
315.346

Harmonies

Complementary

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



93, 14.116, 314.202



98, 13.972, 133.397

Rectangle

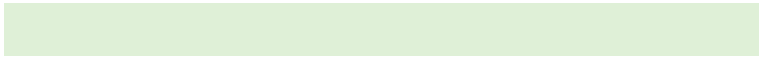
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 14.116, 314.202



93, 14.116, 4.202



93, 14.116, 134.202



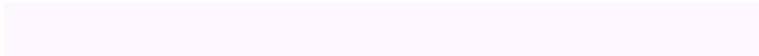
93, 14.116, 184.202

Sweetspot

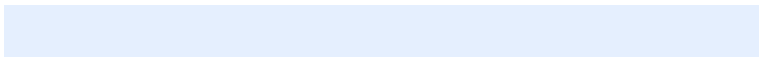
The Sweet Spot groups the original color and five complimentary colors.



93, 14.113, 314.200



98, 4.289, 313.880



94, 8.666, 269.721



52, 3.253, 313.923



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, 14.113, 314.200



92, 17.321, 314.298



94, 14.248, 328.867



49, 8.183, 314.186



34, 97.595, 315.513



8, 44.478, 316.796

Inverse Universe

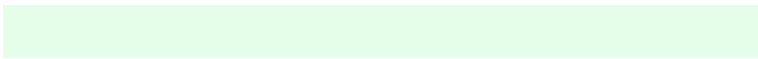
The Inverse Universe completely reimagines the original color for something new.



93, 10.092, 352.807



92, 12.401, 353.038



98, 14.216, 147.711



50, 5.850, 352.774



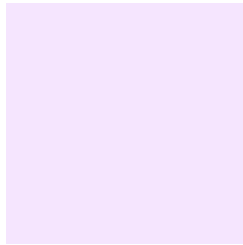
40, 69.003, 15.664



10, 31.294, 8.177

Previews

White Background



This preview shows how the CIE LCh color 93, 14.116, 314.202 looks on a white background.

Color Contrast Check

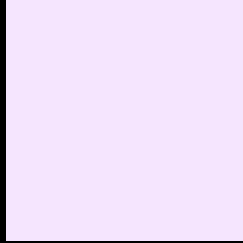
Large Text (above 18pt) WCAG AA × Fail

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, 14.116, 314.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

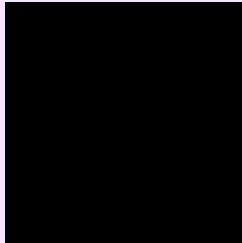
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

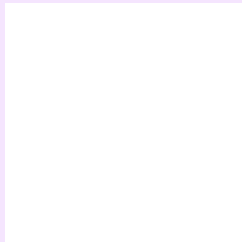
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 14.116, 314.202

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.116, 314.202.



This preview shows how white text looks on a background with the CIELCh color 93, 14.116, 314.202.

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, 14.127, 314.203
	Protanopia 93, 11.367, 291.076
	Deuteranopia 93, 15.811, 318.592



Tritanopia
93, 11.183, 318.810

Trichromacy



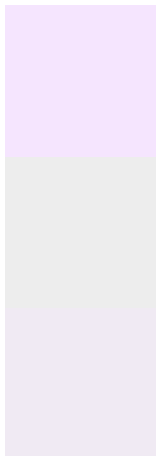
Original Color
93, 14.127, 314.203

Protanomaly
93, 12.095, 300.899

Deuteranomaly
93, 15.028, 317.120

Tritanomaly
93, 12.099, 316.519

Monochromacy



Original Color
93, 14.127, 314.203

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, 14.116, 314.202 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(245, 229, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 229, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.116, 314.202 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(245, 229, 254) }
```

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

```
.border{ border-color:rgb(245, 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(245, 229, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.116, 314.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 254) }
```

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

```
.background{ background-color: rgb(245,  
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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