

Converting Colors

CIELCh(93, 19.377, 304.785)

Have a look what the booklet for
CIELCh(93, 19.377, 304.785)
contains.

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Color

CIElCh(93, 14.237, 309.521)

Conversions

Conversions Part 1

Format	Color
Hex	F3E6FF
RGB	243, 230, 255
RGB Percent	95%, 90%, 100%
CMY	0.0469, 0.0979, 0.0000
CMYK	0.05, 0.10, 0.00, 0.00
HSL	271°, 100%, 95%
HSV	271°, 10%, 100%
XYZ	83.5081, 82.9670, 107.1178
YIQ	236.7370, -0.2770, 10.5310

Conversions

Conversions Part 2

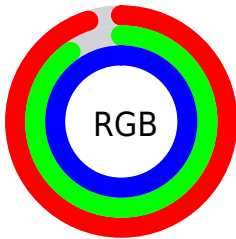
Format	Color
R _Y B	243, 230, 255
Decimal	15984383
CIE Lab	93.00, 9.06, -10.98
CIE LCh	93, 14.237, 309.521
Yxy	82.9670, 0.3052, 0.3032
Android (android.graphics.Color)	4294174463 (0xFFFF3E6FF)
YUV	236.7370, 9.0037, 5.4927
Hunter-Lab	91.0862, 4.2484, -5.9649

Details

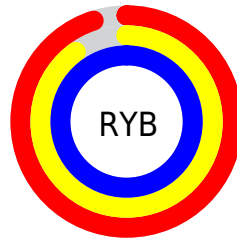
The CIELCh color **93, 14.237, 309.521** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 13.532, 129.388**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 13.290, 310.327** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.111, 310.719**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

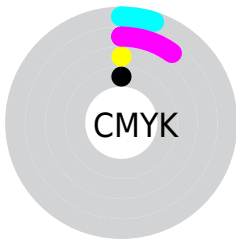
Distribution



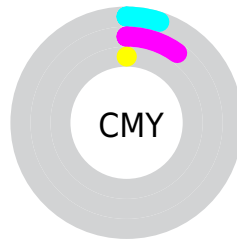
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (10%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 14.237, 309.521 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, 14.237, 309.521 by changing the saturation by 10% instead.


 93, 14.237,
309.521


 93, 14.237,
309.521


 100, 14.237,
309.521


 83, 14.237,
309.521

 73, 14.237,
309.521

 63, 14.237,
309.521

 53, 14.237,
309.521

 43, 14.237,
309.521

 33, 14.237,
309.521

 23, 14.237,

309.521

■ 13, 14.237,
309.521

■ 3, 14.237, 309.521

■ 93, 14.237,
309.521

■ 93, 14.237,
309.521

■ 86, 28.111,
310.719

100, 0.012,
296.813

■ 79, 42.833,
311.235

■ 72, 57.746,
311.764

■ 65, 72.603,
312.277

■ 59, 86.984,
312.725

■ 53, 100.234,
313.037

■ 48, 111.446,
313.114

■ 44, 119.616,
312.842

■ 42, 124.380,
312.183

Harmonies

Complementary

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



93, 14.237, 309.521



98, 13.532, 129.388

Rectangle

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



93, 14.237, 309.521



93, 14.237, 359.521



93, 14.237, 129.521



93, 14.237, 179.521

Sweetspot

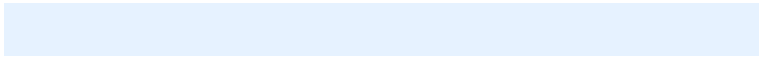
The Sweet Spot groups the original color and five complimentary colors.



93, 13.717, 310.231



98, 4.170, 309.901



95, 7.722, 258.562



52, 3.163, 309.943



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, 13.717, 310.231



91, 16.870, 310.337



94, 15.418, 325.412



49, 7.966, 310.218



31, 100.072, 312.364



6, 44.874, 313.464

Inverse Universe

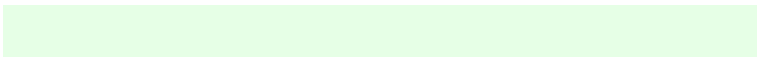
The Inverse Universe completely reimagines the original color for something new.



94, 10.837, 345.610



92, 13.325, 345.822



98, 15.395, 144.320



50, 6.293, 345.583



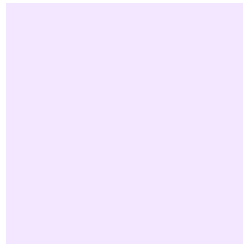
41, 68.072, 4.151



10, 31.684, 358.224

Previews

White Background



This preview shows how the CIE LCh color 93, 14.237, 309.521 looks on a white background.

Color Contrast Check

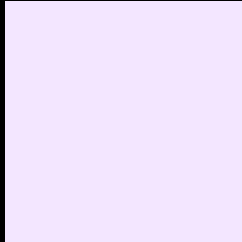
Large Text (above 18pt) WCAG AA × Fail

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, 14.237, 309.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

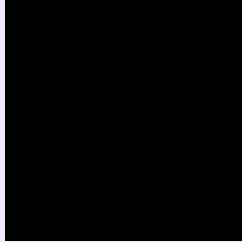
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

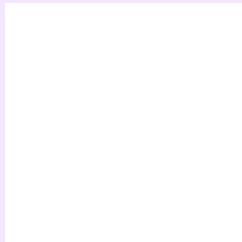
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 14.237, 309.521

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.237, 309.521.



This preview shows how white text looks on a background with the CIELCh color 93, 14.237, 309.521.

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, 13.738, 310.189
	Protanopia 93, 11.367, 291.076
	Deuteranopia 93, 15.654, 317.449



Tritanopia
93, 10.108, 313.137

Trichromacy



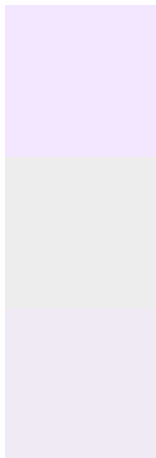
Original Color
93, 13.738, 310.189

Protanomaly
93, 12.038, 299.288

Deuteranomaly
93, 14.736, 314.669

Tritanomaly
93, 11.067, 311.125

Monochromacy



Original Color
93, 13.738, 310.189

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 5.477, 309.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 14.237, 309.521 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(243, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 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(243, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.237, 309.521 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(243, 230, 255) }
```

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

```
.border{ border-color:rgb(243, 230, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 230, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.237, 309.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 255) }
```

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

```
.background{ background-color: rgb(243,  
230, 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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