

Converting Colors

CIELCh(94, 18.476, 301.510)

Have a look what the booklet for
CIELCh(94, 18.476, 301.510)
contains.

CIELCh(94, 11.815, 306.256)	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(94, 11.815, 306.256)

Conversions

Conversions Part 1

Format	Color
Hex	F3EAFF
RGB	243, 234, 255
RGB Percent	95%, 92%, 100%
CMY	0.0466, 0.0819, 0.0000
CMYK	0.05, 0.08, 0.00, 0.00
HSL	266°, 100%, 96%
HSV	266°, 8%, 100%
XYZ	84.6843, 85.2715, 107.5534
YIQ	239.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

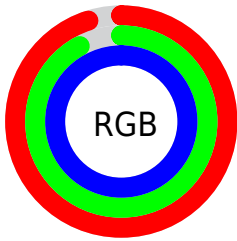
Format	Color
R _{YB}	243, 234, 255
Decimal	15985407
CIE _{Lab}	94.00, 6.99, -9.53
CIE _{LCh}	94, 11.815, 306.256
Y _{xy}	85.2715, 0.3052, 0.3073
Android (android.graphics.Color)	4294175487 (0xFFFF3EAF)
Y _{UV}	239.0850, 7.8461, 3.4335
Hunter-Lab	92.3426, 2.0968, -4.4165

Details

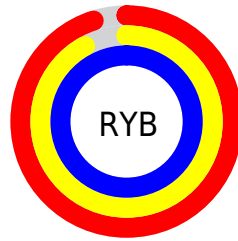
The CIELCh color `94, 11.815, 306.256` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 11.099, 126.245`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 11.371, 307.771` is the 20% darker color. If you saturate the color by 10%, you get `87, 25.382, 307.554`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

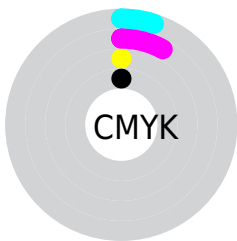
Distribution



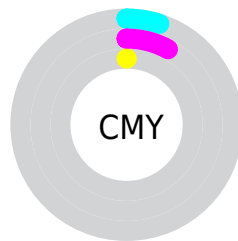
- Red (95%)
- Green (92%)
- Blue (100%)



- Red (95%)
- Yellow (92%)
- Blue (100%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 11.815, 306.256 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 94, 11.815, 306.256 by changing the saturation by 10% instead.


 94, 11.815,
306.256


 94, 11.815,
306.256

 100, 11.815,
306.256


 84, 11.815,
306.256


 74, 11.815,
306.256

 64, 11.815,
306.256

 54, 11.815,
306.256

 44, 11.815,
306.256

 34, 11.815,
306.256

 24, 11.815,

306.256

■ 14, 11.815,
306.256

■ 4, 11.815, 306.256

■ 94, 11.815,
306.256

■ 94, 11.815,
306.256

■ 87, 25.382,
307.554

100, 0.012,
296.813

■ 79, 39.915,
308.144

■ 72, 54.769,
308.774

■ 65, 69.763,
309.420

■ 58, 84.557,
310.038

■ 52, 98.564,
310.555

■ 47, 110.881,
310.863

■ 42, 120.349,
310.823

■ 39, 126.093,
310.332

Harmonies

Complementary

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



94, 11.815, 306.256



99, 11.099, 126.245

Rectangle

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



94, 11.815, 306.256



94, 11.815, 356.256



94, 11.815, 126.256



94, 11.815, 176.256

Sweetspot

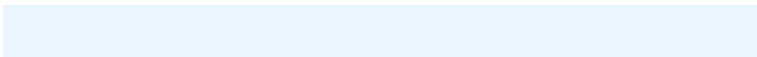
The Sweet Spot groups the original color and five complimentary colors.



94, 11.256, 307.012



99, 2.729, 306.677



96, 6.045, 246.929



53, 1.552, 306.670



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 11.256, 307.012



93, 13.777, 307.107



95, 12.710, 322.567



49, 7.827, 307.081



28, 102.020, 310.418



5, 44.917, 311.009

Inverse Universe

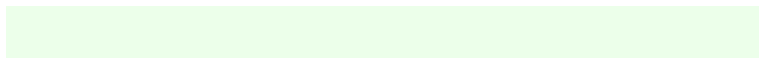
The Inverse Universe completely reimagines the original color for something new.



95, 9.628, 340.710



93, 11.773, 340.867



98, 12.672, 141.771



50, 6.690, 340.824



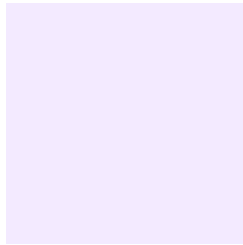
42, 69.486, 355.716



11, 32.683, 351.208

Previews

White Background



This preview shows how the CIE LCh color 94, 11.815, 306.256 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 94, 11.815, 306.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

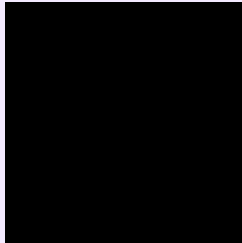
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

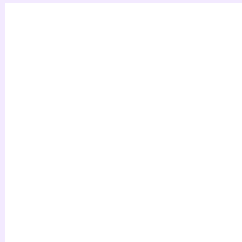
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 11.815, 306.256

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.815, 306.256.

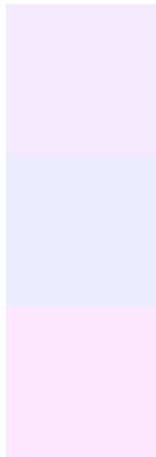


This preview shows how white text looks on a background with the CIELCh color 94, 11.815, 306.256.

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

94, 11.310, 306.927

Protanopia

94, 9.806, 292.949

Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 10.325, 308.476

Trichromacy



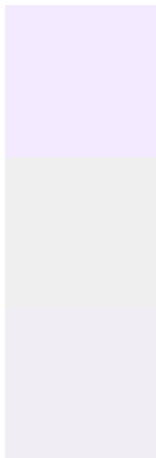
Original Color
94, 11.310, 306.927

Protanomaly
94, 10.428, 298.551

Deuteranomaly
94, 13.308, 317.328

Tritanomaly
94, 10.817, 307.665

Monochromacy



Original Color
94, 11.310, 306.927

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.272, 304.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.815, 306.256 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.815, 306.256 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, 234, 255) }
```

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

```
.border{ border-color:rgb(243, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.815, 306.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 255) }
```

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

```
.background{ background-color: rgb(243,  
234, 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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