

Converting Colors

CIELCh(100, 88.983, 297.586)

Have a look what the booklet for
CIELCh(100, 88.983, 297.586)
contains.

CIELCh(94, 10.711, 305.889)	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, 10.711, 305.889)

Conversions

Conversions Part 1

Format	Color
Hex	F2EAFE
RGB	242, 234, 254
RGB Percent	95%, 92%, 100%
CMY	0.0491, 0.0804, 0.0020
CMYK	0.05, 0.08, 0.00, 0.00
HSL	264°, 95%, 96%
HSV	264°, 8%, 100%
XYZ	84.3108, 85.2715, 106.1826
YIQ	238.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

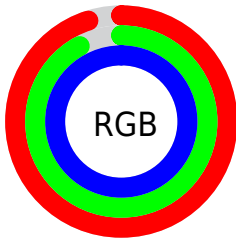
Format	Color
R _Y B	242, 234, 254
Decimal	15919870
CIE Lab	94.00, 6.28, -8.68
CIE LCh	94, 10.711, 305.889
Yxy	85.2715, 0.3057, 0.3092
Android (android.graphics.Color)	4294109950 (0xFF2EAFFE)
YUV	238.6720, 7.5567, 2.9187
Hunter-Lab	92.3426, 1.3749, -3.5364

Details

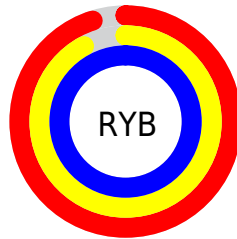
The CIELCh color `94, 10.711, 305.889` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 10.557, 125.119`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.749, 306.727` is the 20% darker color. If you saturate the color by 10%, you get `87, 24.733, 306.452`, and if you desaturate by 10%, it is `100, 0.253, 109.853`.

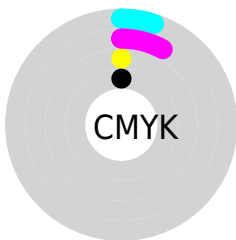
Distribution



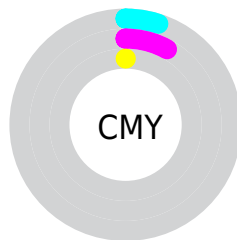
- Red (95%)
- Green (92%)
- Blue (100%)



- 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, 10.711, 305.889 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, 10.711, 305.889 by changing the saturation by 10% instead.


 94, 10.711,
305.889


 94, 10.711,
305.889


 100, 10.711,
305.889


 84, 10.711,
305.889

 74, 10.711,
305.889

 64, 10.711,
305.889

 54, 10.711,
305.889

 44, 10.711,
305.889

 34, 10.711,
305.889

 24, 10.711,

305.889

■ 14, 10.711,
305.889

■ 4, 10.711, 305.889

■ 94, 10.711,
305.889

■ 94, 10.711,
305.889

■ 87, 24.733,
306.452

100, 0.253,
109.853

■ 79, 39.186,
307.074

■ 72, 53.996,
307.746

■ 65, 69.000,
308.446

■ 58, 83.884,
309.132

■ 52, 98.082,
309.730

■ 46, 110.691,
310.129

■ 41, 120.510,
310.181

■ 38, 126.533,
309.766

Harmonies

Complementary

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



94, 10.711, 305.889



99, 10.557, 125.119

Rectangle

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



94, 10.711, 305.889



94, 10.711, 355.889



94, 10.711, 125.889



94, 10.711, 175.889

Sweetspot

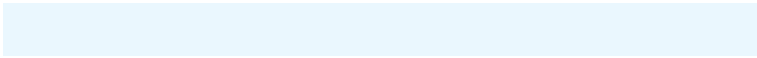
The Sweet Spot groups the original color and five complimentary colors.



94, 10.709, 305.885



99, 2.713, 305.558



96, 5.708, 242.794



53, 1.543, 305.551



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, 10.709, 305.885



93, 12.313, 305.948



95, 12.041, 321.597



49, 7.784, 305.975



28, 102.676, 309.839



5, 44.896, 310.188

Inverse Universe

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



95, 9.416, 339.176



94, 10.819, 339.272



98, 11.997, 140.869



50, 6.838, 339.314



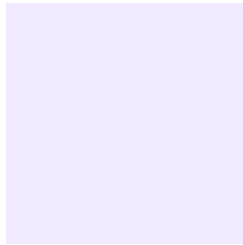
42, 70.363, 352.968



11, 33.152, 348.948

Previews

White Background



This preview shows how the CIE LCh color 94, 10.711, 305.889 looks on a white background.

Color Contrast Check

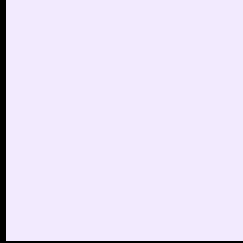
Large Text (above 18pt) WCAG AA × Fail

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, 10.711, 305.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

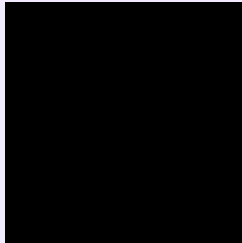
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

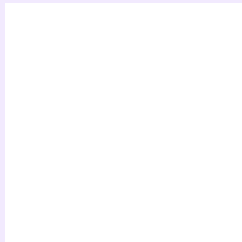
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 10.711, 305.889

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.711, 305.889.



This preview shows how white text looks on a background with the CIELCh color 94, 10.711, 305.889.

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

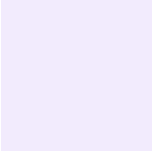
94, 10.720, 305.891

Protanopia

94, 9.806, 292.949

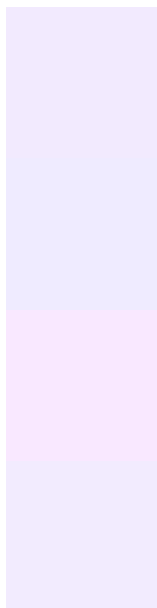
Deuteranopia

94, 14.614, 322.631



Tritanopia
94, 9.625, 305.451

Trichromacy



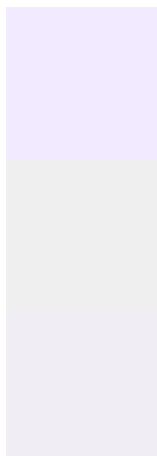
Original Color
94, 10.720, 305.891

Protanomaly
94, 10.428, 298.551

Deuteranomaly
94, 13.308, 317.328

Tritanomaly
94, 10.124, 304.734

Monochromacy



Original Color
94, 10.720, 305.891

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, 10.711, 305.889 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(242, 234, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 234, 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(242, 234, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 234, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.711, 305.889 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(242, 234, 254) }
```

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

```
.border{ border-color:rgb(242, 234, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 234, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 234, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 234, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 234,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.711, 305.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 234, 254) }
```

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

```
.background{ background-color: rgb(242,  
234, 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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