

Converting Colors

CIELCh(94, 12.749, 299.229)

Have a look what the booklet for
CIELCh(94, 12.749, 299.229)
contains.

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Color

CIElCh(94, 10.482, 300.415)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBFF
RGB	240, 235, 255
RGB Percent	94%, 92%, 100%
CMY	0.0583, 0.0779, 0.0000
CMYK	0.06, 0.08, 0.00, 0.00
HSL	255°, 100%, 96%
HSV	255°, 8%, 100%
XYZ	83.7999, 85.2715, 106.7649
YIQ	238.7750, -3.4400, 7.2800

Conversions

Conversions Part 2

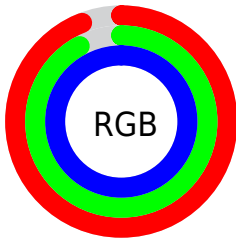
Format	Color
R_{YB}	240, 235, 255
Decimal	15789055
CIE _{Lab}	94.00, 5.31, -9.04
CIE _{LCh}	94, 10.482, 300.415
Yxy	85.2715, 0.3038, 0.3091
Android (android.graphics.Color)	4293979135 (0xFFFF0EBFF)
YUV	238.7750, 7.9989, 1.0743
Hunter-Lab	92.3426, 0.3873, -3.9103

Details

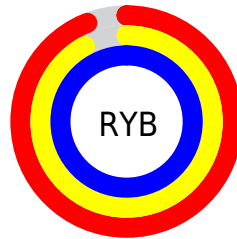
The CIELCh color `94, 10.482, 300.415` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 10.234, 119.490`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 10.490, 301.013` is the 20% darker color. If you saturate the color by 10%, you get `86, 24.213, 301.207`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

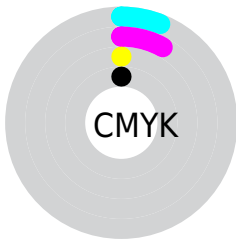
Distribution



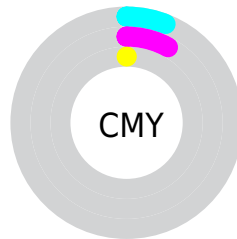
- Red (94%)
- Green (92%)
- Blue (100%)



- Red (94%)
- Yellow (92%)
- Blue (100%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 10.482, 300.415 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, 10.482, 300.415 by changing the saturation by 10% instead.


 94, 10.482,
300.415


 94, 10.482,
300.415


 100, 10.482,
300.415


 84, 10.482,
300.415


 74, 10.482,
300.415

 64, 10.482,
300.415

 54, 10.482,
300.415

 44, 10.482,
300.415

 34, 10.482,
300.415

 24, 10.482,

300.415

■ 14, 10.482,
300.415

■ 4, 10.482, 300.415

■ 94, 10.482,
300.415

■ 94, 10.482,
300.415

■ 86, 24.213,
301.207

100, 0.012,
296.813

■ 79, 38.532,
302.045

■ 71, 53.340,
302.987

■ 63, 68.544,
304.022

■ 56, 83.899,
305.111

■ 49, 98.892,
306.176

■ 43, 112.557,
307.079

■ 38, 123.424,
307.620

■ 35, 130.046,
307.622

Harmonies

Complementary

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



94, 10.482, 300.415



99, 10.234, 119.490

Rectangle

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



94, 10.482, 300.415



94, 10.482, 350.415



94, 10.482, 120.415



94, 10.482, 170.415

Sweetspot

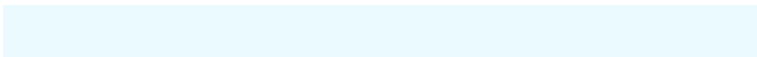
The Sweet Spot groups the original color and five complimentary colors.



94, 10.410, 300.471



98, 2.653, 300.081



97, 5.654, 225.929



53, 1.508, 300.074



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, 10.410, 300.471



93, 12.055, 300.555



95, 11.511, 317.609



49, 7.622, 300.590



25, 105.437, 307.733



4, 44.661, 306.614

Inverse Universe

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



95, 10.396, 332.873



94, 12.024, 332.959



98, 11.440, 136.970



50, 7.598, 332.994



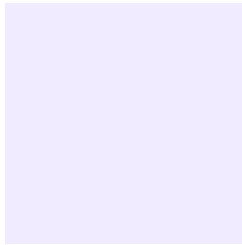
43, 76.763, 341.508



11, 36.085, 339.519

Previews

White Background



This preview shows how the CIE LCh color 94, 10.482, 300.415 looks on a white background.

Color Contrast Check

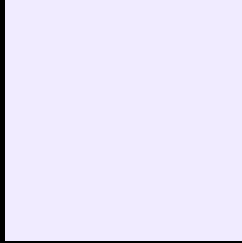
Large Text (above 18pt) WCAG AA × Fail

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, 10.482, 300.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

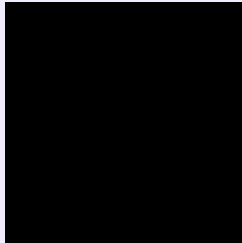
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.482, 300.415

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.482, 300.415.



This preview shows how white text looks on a background with the CIELCh color 94, 10.482, 300.415.

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, 10.482, 300.415

Protanopia

94, 9.806, 292.949

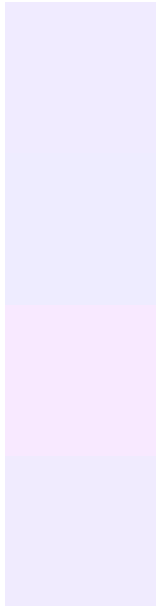
Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 9.975, 300.878

Trichromacy



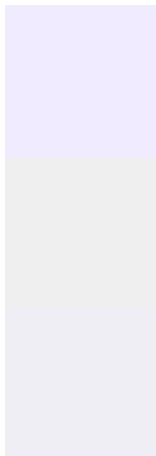
Original Color
94, 10.482, 300.415

Protanomaly
94, 9.829, 294.947

Deuteranomaly
94, 12.535, 315.500

Tritanomaly
94, 9.975, 300.878

Monochromacy



Original Color
94, 10.482, 300.415

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.631, 296.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.482, 300.415 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(240, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 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(240, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.482, 300.415 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(240, 235, 255) }
```

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

```
.border{ border-color:rgb(240, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.482, 300.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 255) }
```

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

```
.background{ background-color: rgb(240,  
235, 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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