

Converting Colors

CIELCh(94, 10.561, 294.783)

Have a look what the booklet for
CIELCh(94, 10.561, 294.783)
contains.

CIELCh(94, 9.829, 294.947)	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, 9.829, 294.947)

Conversions

Conversions Part 1

Format	Color
Hex	EEECFF
RGB	238, 236, 255
RGB Percent	93%, 93%, 100%
CMY	0.0672, 0.0750, 0.0006
CMYK	0.07, 0.07, 0.00, 0.00
HSL	246°, 99%, 96%
HSV	246°, 7%, 100%
XYZ	83.1926, 85.2715, 106.5595
YIQ	238.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

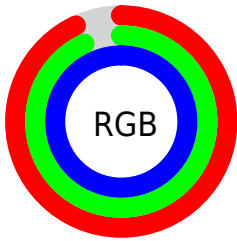
Format	Color
R _{YB}	238, 236, 255
Decimal	15658239
CIE Lab	94.00, 4.15, -8.91
CIE LCh	94, 9.829, 294.947
Yxy	85.2715, 0.3025, 0.3101
Android (android.graphics.Color)	4293848319 (0xFFEEECFF)
YUV	238.7640, 8.0043, -0.6700
Hunter-Lab	92.3426, -0.7866, -3.7784

Details

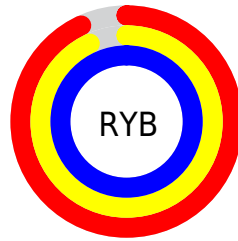
The CIELCh color `94, 9.829, 294.947` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 9.651, 113.703`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.797, 295.304` is the 20% darker color. If you saturate the color by 10%, you get `86, 23.468, 295.911`, and if you desaturate by 10%, it is `100, 0.061, 108.915`.

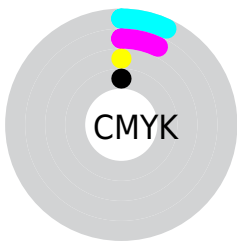
Distribution



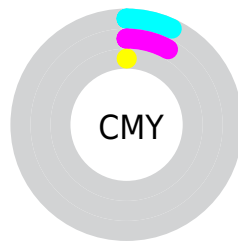
- Red (93%)
- Green (93%)
- Blue (100%)



- Red (93%)
- Yellow (93%)
- Blue (100%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.829, 294.947 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, 9.829, 294.947 by changing the saturation by 10% instead.

 94, 9.829, 294.947

 94, 9.829, 294.947

 100, 9.829,
294.947

 84, 9.829, 294.947

 74, 9.829, 294.947

 64, 9.829, 294.947

 54, 9.829, 294.947

 44, 9.829, 294.947

 34, 9.829, 294.947

 24, 9.829, 294.947

 14, 9.829, 294.947

 4, 9.829, 294.947

94, 9.829, 294.947

94, 9.829, 294.947

86, 23.468,
295.911

100, 0.061,
108.915

78, 37.680,
297.044

70, 52.476,
298.354

62, 67.818,
299.843

54, 83.533,
301.479

47, 99.148,
303.175

41, 113.629,
304.749

36, 125.204,
305.931

■ 33,131.971,
306.469

Harmonies

Complementary

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



94, 9.829, 294.947



99, 9.651, 113.703

Rectangle

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



94, 9.829, 294.947



94, 9.829, 344.947



94, 9.829, 114.947



94, 9.829, 164.947

Sweetspot

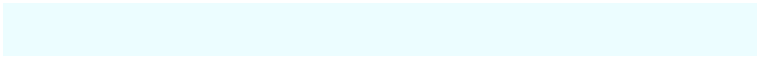
The Sweet Spot groups the original color and five complimentary colors.



94, 9.827, 294.941



98, 2.618, 294.480



98, 5.923, 208.582



52, 1.489, 294.472



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, 9.827, 294.941



93, 11.907, 295.081



95, 10.594, 312.780



49, 7.529, 295.127



23, 107.184, 306.630



4, 44.370, 303.811

Inverse Universe

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



95, 11.028, 327.831



94, 13.336, 327.927



99, 10.495, 132.186



50, 8.427, 327.958



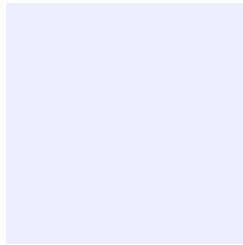
44, 85.702, 332.926



12, 39.820, 332.303

Previews

White Background



This preview shows how the CIELCh color 94, 9.829, 294.947 looks on a white background.

Color Contrast Check

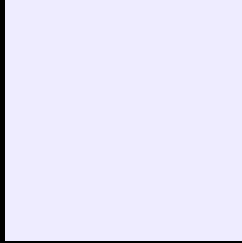
Large Text (above 18pt) WCAG AA × Fail

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, 9.829, 294.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

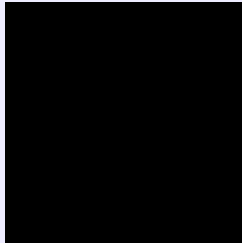
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.829, 294.947

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.829, 294.947.



This preview shows how white text looks on a background with the CIELCh color 94, 9.829, 294.947.

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, 9.829, 294.947

Protanopia

94, 9.806, 292.949

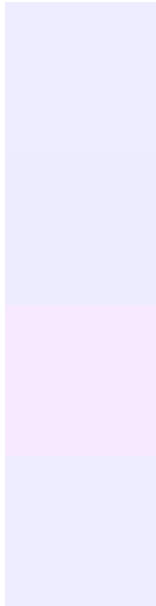
Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 9.829, 294.947

Trichromacy



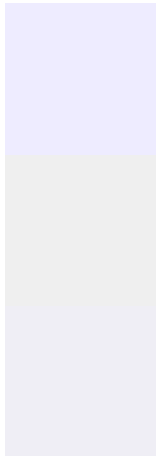
Original Color
94, 9.829, 294.947

Protanomaly
94, 9.806, 292.949

Deuteranomaly
94, 12.394, 314.031

Tritanomaly
94, 9.829, 294.947

Monochromacy



Original Color
94, 9.829, 294.947

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, 9.829, 294.947 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(238, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 236, 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(238, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.829, 294.947 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(238, 236, 255) }
```

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

```
.border{ border-color:rgb(238, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 236,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.829, 294.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 236, 255) }
```

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

```
.background{ background-color: rgb(238,  
236, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor