

Converting Colors

CIELCh(94, 18.548, 292.712)

Have a look what the booklet for
CIELCh(94, 18.548, 292.712)
contains.

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Color

CIElCh(94, 10.329, 292.888)

Conversions

Conversions Part 1

Format	Color
Hex	EDECFF
RGB	237, 236, 255
RGB Percent	93%, 93%, 100%
CMY	0.0706, 0.0745, 0.0000
CMYK	0.07, 0.07, 0.00, 0.00
HSL	243°, 100%, 96%
HSV	243°, 7%, 100%
XYZ	83.1256, 85.2715, 107.5345
YIQ	238.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

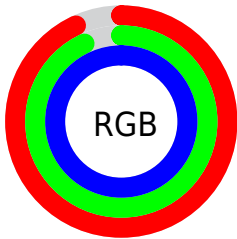
Format	Color
R _Y B	237, 236, 255
Decimal	15592703
CIE Lab	94.00, 4.02, -9.52
CIE LCh	94, 10.329, 292.888
Yxy	85.2715, 0.3013, 0.3090
Android (android.graphics.Color)	4293782783 (0xFFEDECFF)
YUV	238.4650, 8.1518, -1.2848
Hunter-Lab	92.3426, -0.9161, -4.4044

Details

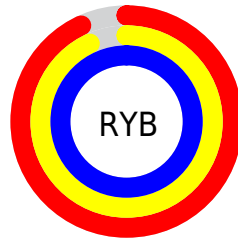
The CIELCh color **94, 10.329, 292.888** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 9.632, 111.581**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.772, 293.209** is the 20% darker color. If you saturate the color by 10%, you get **86, 23.432, 294.017**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

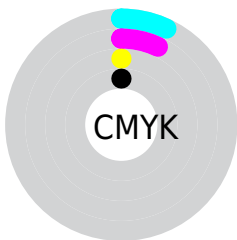
Distribution



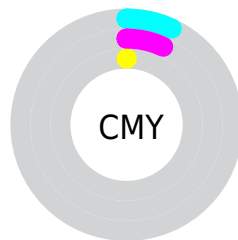
- Red (93%)
- Green (93%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.329, 292.888 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, 10.329, 292.888 by changing the saturation by 10% instead.

 94, 10.329,
292.888

 94, 10.329,
292.888

 100, 10.329,
292.888


 84, 10.329,
292.888

 74, 10.329,
292.888

 64, 10.329,
292.888

 54, 10.329,
292.888

 44, 10.329,
292.888

 34, 10.329,
292.888

 24, 10.329,

292.888

■ 14, 10.329,
292.888

■ 4, 10.329, 292.888

■ 94, 10.329,
292.888

■ 94, 10.329,
292.888

■ 86, 23.432,
294.017

100, 0.012,
296.813

■ 78, 37.637,
295.278

■ 70, 52.450,
296.747

■ 62, 67.848,
298.432

■ 54, 83.679,
300.303

■ 47, 99.473,
302.262

■ 40, 114.153,
304.106

■ 36, 125.820,
305.530

■ 33, 132.455,
306.258

Harmonies

Complementary

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



94, 10.329, 292.888



99, 9.632, 111.581

Rectangle

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



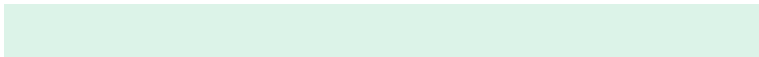
94, 10.329, 292.888



94, 10.329, 342.888



94, 10.329, 112.888



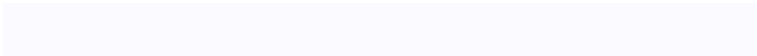
94, 10.329, 162.888

Sweetspot

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



94, 9.810, 292.946



98, 2.612, 292.444



98, 6.201, 203.611



52, 1.485, 292.436



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, 9.810, 292.946



93, 11.880, 293.100



95, 10.479, 311.101



49, 7.512, 293.151



23, 107.519, 306.436



4, 44.254, 302.812

Inverse Universe

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



95, 11.442, 326.274



94, 13.829, 326.366



99, 10.370, 130.492



50, 8.739, 326.396



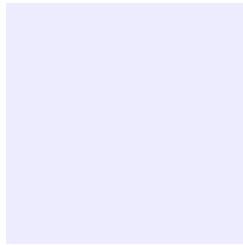
45, 89.317, 330.444



12, 41.295, 330.164

Previews

White Background



This preview shows how the CIE LCh color 94, 10.329, 292.888 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 CIELCh color 94, 10.329, 292.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

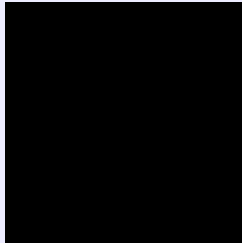
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.329, 292.888

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.329, 292.888.

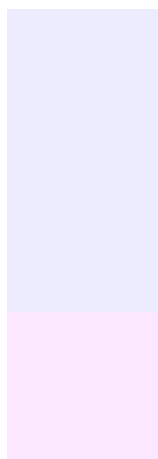


This preview shows how white text looks on a background with the CIELCh color 94, 10.329, 292.888.

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, 9.806, 292.949

Protanopia

94, 9.806, 292.949

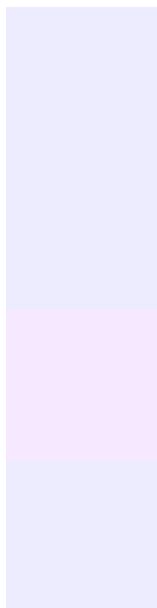
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.806, 292.949

Trichromacy



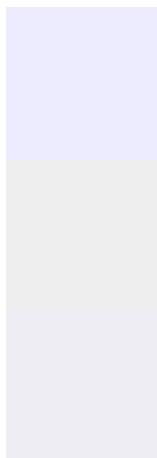
Original Color
94, 9.806, 292.949

Protanomaly
94, 9.806, 292.949

Deuteranomaly
94, 12.261, 312.531

Tritanomaly
94, 9.806, 292.949

Monochromacy



Original Color
94, 9.806, 292.949

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.634, 296.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.329, 292.888 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(237, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.329, 292.888 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(237, 236, 255) }
```

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

```
.border{ border-color:rgb(237, 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(237, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 236,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.329, 292.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 236, 255) }
```

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

```
.background{ background-color: rgb(237,  
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](#).

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