

Converting Colors

CIE LCh(94, 9.195, 290.903)

Have a look what the booklet for
CIELCh(94, 9.195, 290.903) contains.

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Color

CIELCh(94, 9.280, 290.909)

Conversions

Conversions Part 1

Format	Color
Hex	ECECFE
RGB	236, 236, 254
RGB Percent	93%, 93%, 100%
CMY	0.0731, 0.0731, 0.0025
CMYK	0.07, 0.07, 0.00, 0.00
HSL	240°, 93%, 96%
HSV	240°, 7%, 100%
XYZ	82.7583, 85.2715, 106.1687
YIQ	238.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

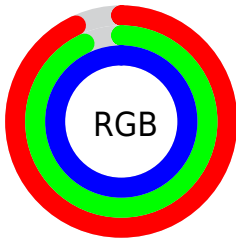
Format	Color
R _Y B	236, 236, 254
Decimal	15527166
CIE Lab	94.00, 3.31, -8.67
CIE LCh	94, 9.280, 290.909
Yxy	85.2715, 0.3018, 0.3110
Android (android.graphics.Color)	4293717246 (0xFFECECFE)
YUV	238.0520, 7.8624, -1.7996
Hunter-Lab	92.3426, -1.6261, -3.5274

Details

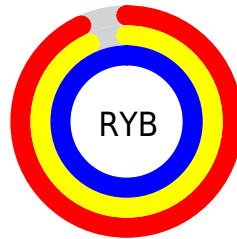
The CIELCh color **94, 9.280, 290.909** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.116, 109.478**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.219, 291.062** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.836, 292.074**, and if you desaturate by 10%, it is **100, 0.311, 109.906**.

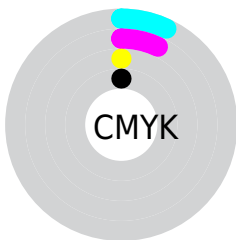
Distribution



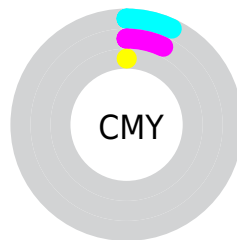
- Red (93%)
- Green (93%)
- Blue (100%)



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



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

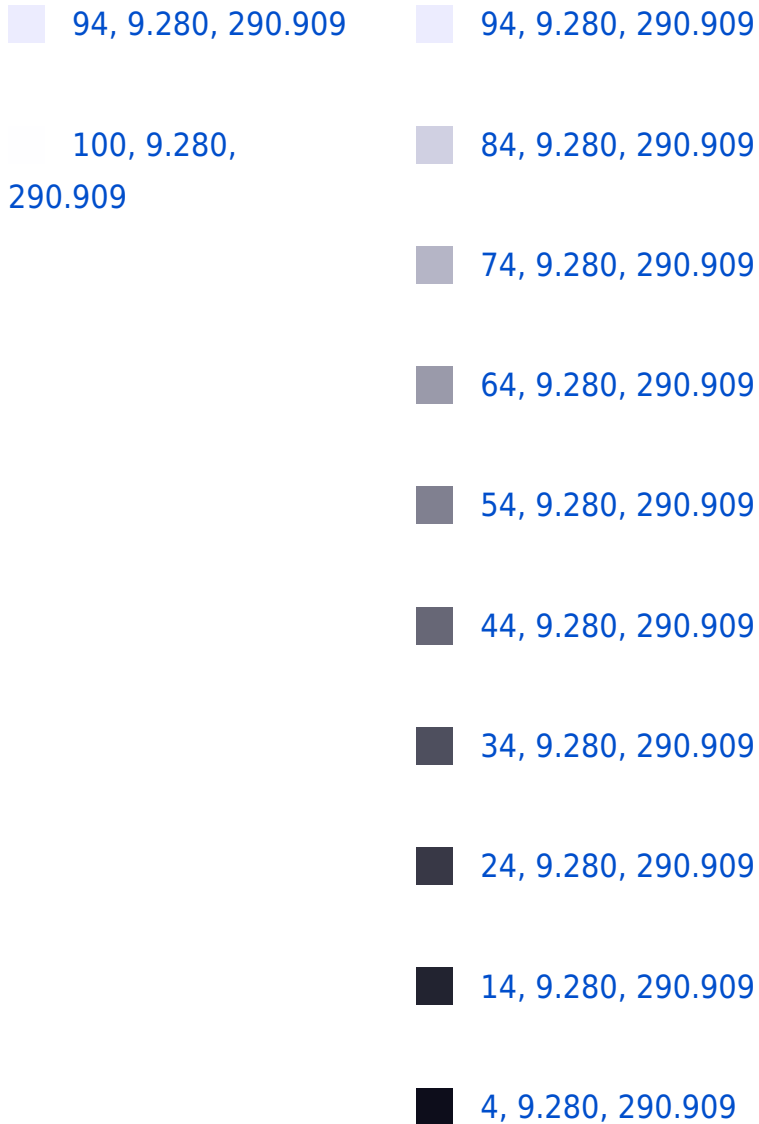


- Cyan (7%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.280, 290.909 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, 9.280, 290.909 by changing the saturation by 10% instead.



94, 9.280, 290.909

94, 9.280, 290.909

86, 22.836,
292.074

100, 0.311,
109.906

78, 36.981,
293.463

69, 51.749,
295.096

61, 67.135,
296.984

53, 83.012,
299.101

46, 98.935,
301.342

40, 113.807,
303.480

35, 125.642,
305.172

■ 33, 132.292,
306.109

Harmonies

Complementary

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



94, 9.280, 290.909



99, 9.116, 109.478

Rectangle

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



94, 9.280, 290.909



94, 9.280, 340.909



94, 9.280, 110.909



94, 9.280, 160.909

Sweetspot

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



94, 9.278, 290.901



98, 2.609, 290.396



98, 6.189, 197.700



52, 1.483, 290.388



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, 9.278, 290.901



93, 10.526, 291.001



95, 9.787, 308.792



49, 7.502, 291.167



23, 107.774, 306.285



3, 44.122, 301.756

Inverse Universe

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



95, 6.465, 19.734



94, 7.349, 19.809



99, 9.674, 128.180



49, 5.254, 19.930



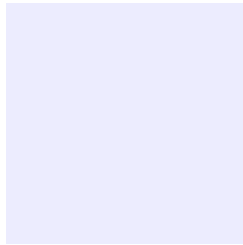
40, 84.222, 39.994



10, 33.366, 27.170

Previews

White Background



This preview shows how the CIELCh color 94, 9.280, 290.909 looks on a white background.

Color Contrast Check

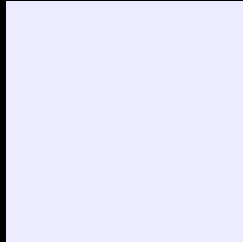
Large Text (above 18pt) WCAG AA × Fail

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, 9.280, 290.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

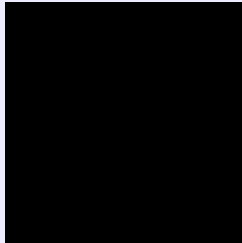
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.280, 290.909

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.280, 290.909.



This preview shows how white text looks on a background with the CIELCh color 94, 9.280, 290.909.

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, 9.280, 290.909

Protanopia

94, 9.292, 293.025

Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 9.795, 290.948

Trichromacy



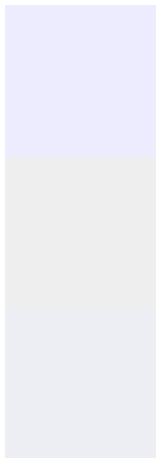
Original Color
94, 9.280, 290.909

Protanomaly
94, 9.292, 293.025

Deuteranomaly
94, 12.261, 312.531

Tritanomaly
94, 9.795, 290.948

Monochromacy



Original Color
94, 9.280, 290.909

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.612, 290.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.280, 290.909 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(236, 236, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 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(236, 236, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.280, 290.909 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(236, 236, 254) }
```

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

```
.border{ border-color:rgb(236, 236, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 236, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 236, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 236,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.280, 290.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 254) }
```

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

```
.background{ background-color: rgb(236,  
236, 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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