

Converting Colors

CIE LCh(94, 9.606, 283.144)

Have a look what the booklet for
CIELCh(94, 9.606, 283.144) contains.

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Color

CIELCh(94, 9.350, 282.513)

Conversions

Conversions Part 1

Format	Color
Hex	E9EDFF
RGB	233, 237, 255
RGB Percent	91%, 93%, 100%
CMY	0.0855, 0.0698, 0.0000
CMYK	0.09, 0.07, 0.00, 0.00
HSL	229°, 100%, 96%
HSV	229°, 9%, 100%
XYZ	82.0913, 85.2715, 106.9075
YIQ	237.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

Format	Color
R_{YB}	233, 236, 255
Decimal	15330815
CIE _{Lab}	94.00, 2.03, -9.13
CIE _{LCh}	94, 9.350, 282.513
Yxy	85.2715, 0.2993, 0.3109
Android (android.graphics.Color)	4293520895 (0xFFE9EDFF)
YUV	237.8560, 8.4520, -4.2587
Hunter-Lab	92.3426, -2.9154, -4.0018

Details

The CIELCh color **94, 9.350, 282.513** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.137, 100.387**, 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, 9.294, 282.248** is the 20% darker color. If you saturate the color by 10%, you get **87, 20.360, 283.760**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



- Red (91%)
- Green (93%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.350, 282.513 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, 9.350, 282.513 by changing the saturation by 10% instead.

94, 9.350, 282.513

94, 9.350, 282.513

100, 9.350,
282.513

84, 9.350, 282.513

74, 9.350, 282.513

64, 9.350, 282.513

54, 9.350, 282.513

44, 9.350, 282.513

34, 9.350, 282.513

24, 9.350, 282.513

14, 9.350, 282.513

4, 9.350, 282.513

94, 9.350, 282.513

94, 9.350, 282.513

87, 20.360,
283.760

100, 0.012,
296.813

80, 31.837,
285.362

73, 43.711,
287.241

66, 56.018,
289.426

59, 68.780,
291.929

52, 81.950,
294.713

46, 95.290,
297.664

41, 108.186,
300.567

■ 37,119.513,
303.114

Harmonies

Complementary

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



94, 9.350, 282.513



98, 9.137, 100.387

Rectangle

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



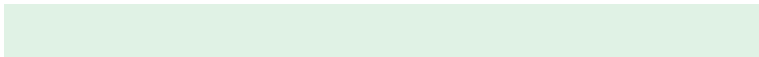
94, 9.350, 282.513



94, 9.350, 332.513



94, 9.350, 102.513



94, 9.350, 152.513

Sweetspot

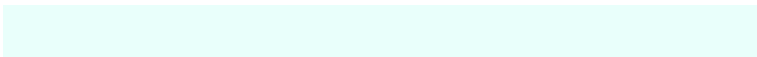
The Sweet Spot groups the original color and five complimentary colors.



94, 9.247, 282.400



98, 3.225, 281.763



98, 7.870, 182.561



52, 2.446, 281.845



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, 9.247, 282.400



93, 10.837, 282.583



93, 11.512, 302.307



49, 6.157, 282.520



27, 96.086, 303.012



6, 38.241, 298.071

Inverse Universe

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



94, 8.098, 5.227



93, 9.510, 5.384



99, 11.313, 121.316



50, 5.399, 5.330



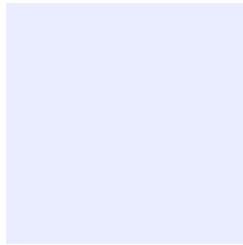
40, 75.761, 30.796



10, 32.081, 19.531

Previews

White Background



This preview shows how the CIELCh color 94, 9.350, 282.513 looks on a white background.

Color Contrast Check

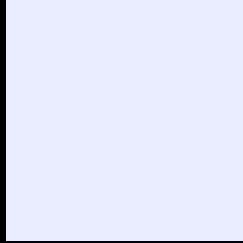
Large Text (above 18pt) WCAG AA × Fail

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, 9.350, 282.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

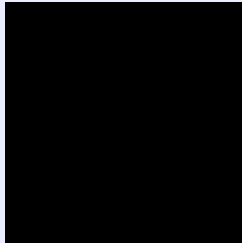
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

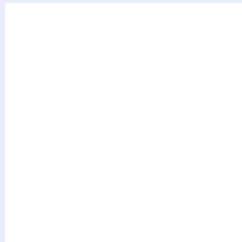
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.350, 282.513

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.350, 282.513.



This preview shows how white text looks on a background with the CIELCh color 94, 9.350, 282.513.

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, 9.350, 282.513

Protanopia

94, 9.292, 293.025

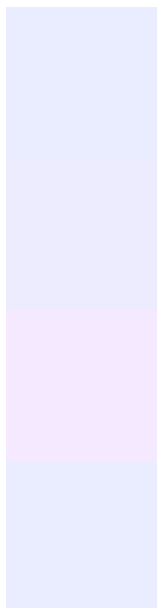
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.313, 284.590

Trichromacy



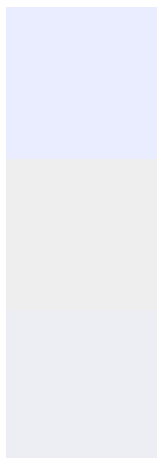
Original Color
94, 9.350, 282.513

Protanomaly
94, 9.280, 290.909

Deuteranomaly
94, 12.136, 311.002

Tritanomaly
94, 9.313, 284.590

Monochromacy



Original Color
94, 9.350, 282.513

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.163, 277.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.350, 282.513 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(233, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 237, 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(233, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.350, 282.513 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(233, 237, 255) }
```

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

```
.border{ border-color:rgb(233, 237, 255) }
```

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

Here you see how a box with a 4 pixel rgb(233, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.350, 282.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 237, 255) }
```

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

```
.background{ background-color: rgb(233,  
237, 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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