

Converting Colors

CIELCh(94, 9.867, 288.438)

Have a look what the booklet for
CIELCh(94, 9.867, 288.438) contains.

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Color

CIELCh(94, 9.287, 286.684)

Conversions

Conversions Part 1

Format	Color
Hex	EBEDFF
RGB	235, 237, 255
RGB Percent	92%, 93%, 100%
CMY	0.0793, 0.0714, 0.0009
CMYK	0.08, 0.07, 0.00, 0.00
HSL	234°, 98%, 96%
HSV	234°, 8%, 100%
XYZ	82.4230, 85.2715, 106.5339
YIQ	238.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

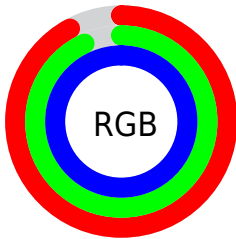
Format	Color
R_{YB}	235, 237, 255
Decimal	15461887
CIE _{Lab}	94.00, 2.67, -8.90
CIE _{LCh}	94, 9.287, 286.684
Yxy	85.2715, 0.3006, 0.3110
Android (android.graphics.Color)	4293651967 (0xFFEBEDFF)
YUV	238.4540, 8.1572, -3.0292
Hunter-Lab	92.3426, -2.2742, -3.7619

Details

The CIELCh color **94, 9.287, 286.684** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.144, 104.959**, 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, 9.225, 286.621** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.489, 287.943**, and if you desaturate by 10%, it is **100, 0.101, 109.407**.

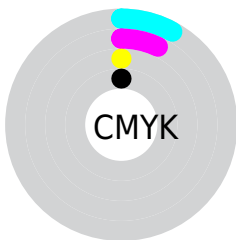
Distribution



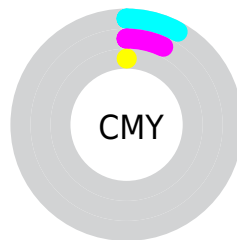
- Red (92%)
- Green (93%)
- Blue (100%)



- Red (92%)
- Yellow (93%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.287, 286.684 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, 9.287, 286.684 by changing the saturation by 10% instead.

94, 9.287, 286.684

94, 9.287, 286.684

100, 9.287,
286.684

84, 9.287, 286.684

74, 9.287, 286.684

64, 9.287, 286.684

54, 9.287, 286.684

44, 9.287, 286.684

34, 9.287, 286.684

24, 9.287, 286.684

14, 9.287, 286.684

4, 9.287, 286.684

94, 9.287, 286.684

94, 9.287, 286.684

86, 21.489,
287.943

100, 0.101,
109.407

79, 34.161,
289.440

71, 47.342,
291.197

64, 61.061,
293.238

56, 75.295,
295.560

49, 89.869,
298.101

43, 104.253,
300.706

38, 117.293,
303.106

■ 34, 127.226,
304.965

Harmonies

Complementary

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



94, 9.287, 286.684



99, 9.144, 104.959

Rectangle

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



94, 9.287, 286.684



94, 9.287, 336.684



94, 9.287, 106.684



94, 9.287, 156.684

Sweetspot

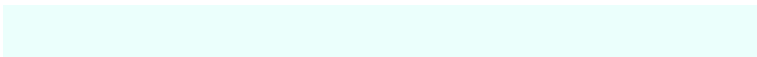
The Sweet Spot groups the original color and five complimentary colors.



94, 9.285, 286.676



98, 2.352, 286.060



98, 7.000, 189.259



53, 1.337, 286.053



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, 9.285, 286.676



93, 10.676, 286.811



94, 10.680, 305.292



49, 6.750, 286.871



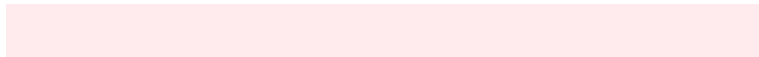
24, 102.870, 304.991



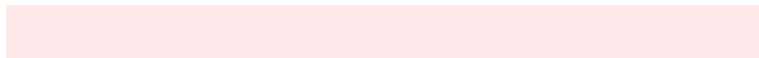
5, 40.942, 299.954

Inverse Universe

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



95, 7.256, 11.701



94, 8.359, 11.816



99, 10.525, 124.506



50, 5.289, 11.867



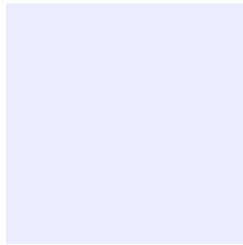
40, 79.968, 35.945



10, 32.600, 23.108

Previews

White Background



This preview shows how the CIELCh color 94, 9.287, 286.684 looks on a white background.

Color Contrast Check

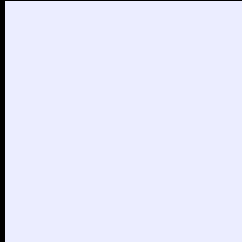
Large Text (above 18pt) WCAG AA × Fail

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, 9.287, 286.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

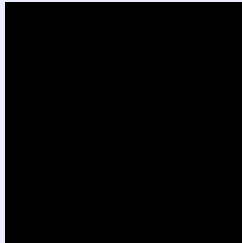
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.287, 286.684

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.287, 286.684.



This preview shows how white text looks on a background with the CIELCh color 94, 9.287, 286.684.

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, 9.287, 286.684

Protanopia

94, 9.292, 293.025

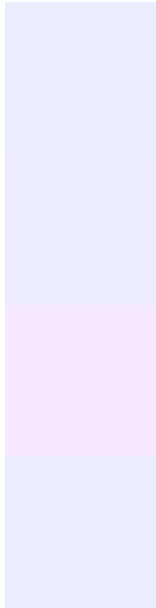
Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 9.287, 286.684

Trichromacy



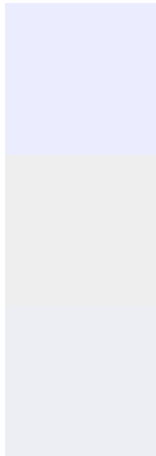
Original Color
94, 9.287, 286.684

Protanomaly
94, 9.280, 290.909

Deuteranomaly
94, 12.261, 312.531

Tritanomaly
94, 9.287, 286.684

Monochromacy



Original Color
94, 9.287, 286.684

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.110, 283.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.287, 286.684 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(235, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.287, 286.684 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(235, 237, 255) }
```

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

```
.border{ border-color:rgb(235, 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(235, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 237, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 237, 255); box-shadow:4px 4px 4px 4px rgb(235, 237, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.287, 286.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 255) }
```

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

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