

Converting Colors

CIELCh(94, 9.975, 288.885)

Have a look what the booklet for
CIELCh(94, 9.975, 288.885) contains.

CIELCh(94, 9.796, 288.948)	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, 9.796, 288.948)

Conversions

Conversions Part 1

Format	Color
Hex	EBECFF
RGB	235, 236, 255
RGB Percent	92%, 93%, 100%
CMY	0.0765, 0.0726, 0.0000
CMYK	0.08, 0.07, 0.00, 0.00
HSL	237°, 100%, 96%
HSV	237°, 8%, 100%
XYZ	82.6902, 85.2715, 107.1292
YIQ	237.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

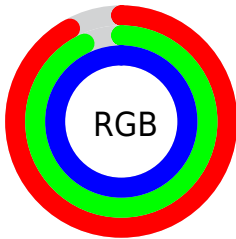
Format	Color
R _Y B	235, 236, 255
Decimal	15461631
CIE Lab	94.00, 3.18, -9.27
CIE LCh	94, 9.796, 288.948
Yxy	85.2715, 0.3006, 0.3100
Android (android.graphics.Color)	4293651711 (0xFFEBECFF)
YUV	237.8670, 8.4466, -2.5144
Hunter-Lab	92.3426, -1.7578, -4.1442

Details

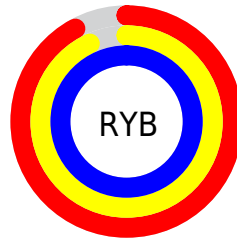
The CIELCh color **94, 9.796, 288.948** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 9.377, 107.260**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.761, 289.019** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.422, 290.088**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

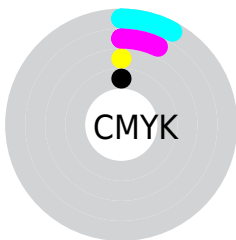
Distribution



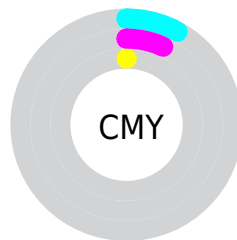
- Red (92%)
- Green (93%)
- Blue (100%)



- 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, 9.796, 288.948 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, 9.796, 288.948 by changing the saturation by 10% instead.

94, 9.796, 288.948

94, 9.796, 288.948

100, 9.796,
288.948

84, 9.796, 288.948

74, 9.796, 288.948

64, 9.796, 288.948

54, 9.796, 288.948

44, 9.796, 288.948

34, 9.796, 288.948

24, 9.796, 288.948

14, 9.796, 288.948

4, 9.796, 288.948

94, 9.796, 288.948

94, 9.796, 288.948

86, 22.422,
290.088

100, 0.012,
296.813

78, 35.835,
291.534

70, 49.817,
293.233

62, 64.383,
295.202

55, 79.467,
297.428

48, 94.773,
299.828

41, 109.512,
302.211

36, 122.122,
304.272

■ 33,130.541,
305.673

Harmonies

Complementary

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



94, 9.796, 288.948



99, 9.377, 107.260

Rectangle

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



94, 9.796, 288.948



94, 9.796, 338.948



94, 9.796, 108.948



94, 9.796, 158.948

Sweetspot

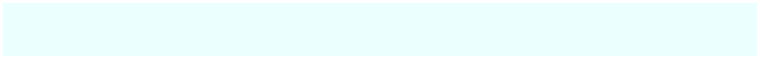
The Sweet Spot groups the original color and five complimentary colors.



94, 9.537, 288.865



98, 2.475, 288.285



99, 6.745, 193.426



52, 1.407, 288.277



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, 9.537, 288.865



93, 11.247, 289.018



94, 10.506, 307.065



49, 7.111, 289.076



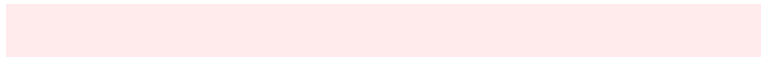
24, 105.491, 305.696



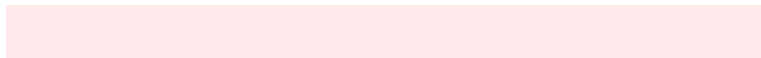
4, 42.495, 300.884

Inverse Universe

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



95, 7.028, 15.612



94, 8.309, 15.737



99, 10.368, 126.355



49, 5.259, 15.783



40, 82.066, 38.053



10, 32.953, 25.111

Previews

White Background



This preview shows how the CIELCh color 94, 9.796, 288.948 looks on a white background.

Color Contrast Check

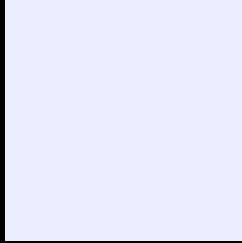
Large Text (above 18pt) WCAG AA × Fail

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, 9.796, 288.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

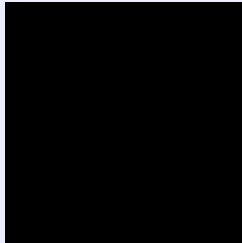
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.796, 288.948

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.796, 288.948.



This preview shows how white text looks on a background with the CIELCh color 94, 9.796, 288.948.

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, 9.796, 288.948

Protanopia

94, 9.806, 292.949

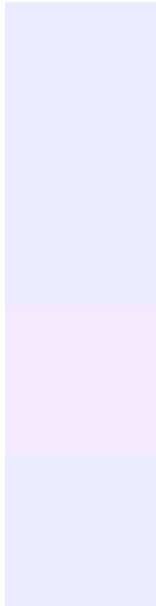
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.795, 290.948

Trichromacy



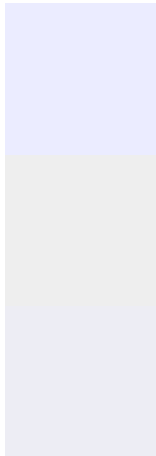
Original Color
94, 9.796, 288.948

Protanomaly
94, 9.795, 290.948

Deuteranomaly
94, 12.136, 311.002

Tritanomaly
94, 9.795, 290.948

Monochromacy



Original Color
94, 9.796, 288.948

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, 9.796, 288.948 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, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 236, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.796, 288.948 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, 236, 255) }
```

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

```
.border{ border-color:rgb(235, 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(235, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 236,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.796, 288.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 236, 255) }
```

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

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