

Converting Colors

CIELCh(95, 29.985, 289.742)

Have a look what the booklet for
CIELCh(95, 29.985, 289.742)
contains.

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Color

CIELCh(94, 9.400, 280.460)

Conversions

Conversions Part 1

Format	Color
Hex	E8EDFF
RGB	232, 237, 255
RGB Percent	91%, 93%, 100%
CMY	0.0886, 0.0690, 0.0000
CMYK	0.09, 0.07, 0.00, 0.00
HSL	227°, 100%, 96%
HSV	227°, 9%, 100%
XYZ	81.9263, 85.2715, 107.0946
YIQ	237.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

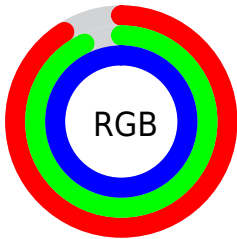
Format	Color
R_{YB}	232, 236, 255
Decimal	15265279
CIE _{Lab}	94.00, 1.71, -9.24
CIE _{LCh}	94, 9.400, 280.460
Yxy	85.2715, 0.2987, 0.3109
Android (android.graphics.Color)	4293455359 (0xFFE8EDFF)
YUV	237.5570, 8.5994, -4.8735
Hunter-Lab	92.3426, -3.2343, -4.1220

Details

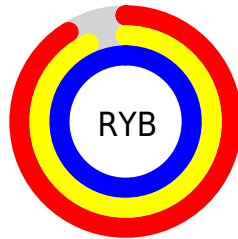
The CIELCh color `94, 9.400, 280.460` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 9.103, 98.032`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 9.348, 280.100` is the 20% darker color. If you saturate the color by 10%, you get `87, 19.824, 281.591`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

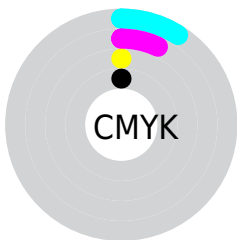
Distribution



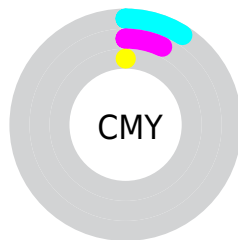
- Red (91%)
- Green (93%)
- Blue (100%)



- 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, 9.400, 280.460 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, 9.400, 280.460 by changing the saturation by 10% instead.

94, 9.400, 280.460

94, 9.400, 280.460

100, 9.400,
280.460

84, 9.400, 280.460

74, 9.400, 280.460

64, 9.400, 280.460

54, 9.400, 280.460

44, 9.400, 280.460

34, 9.400, 280.460

24, 9.400, 280.460

14, 9.400, 280.460

4, 9.400, 280.460

94, 9.400, 280.460

94, 9.400, 280.460

87, 19.824,
281.591

100, 0.012,
296.813

80, 30.769,
283.245

74, 42.056,
285.182

67, 53.722,
287.438

60, 65.796,
290.026

54, 78.269,
292.921

48, 90.996,
296.022

43, 103.545,
299.133

■ 38,115.062,
301.961

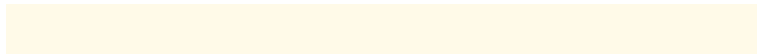
Harmonies

Complementary

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



94, 9.400, 280.460



98, 9.103, 98.032

Rectangle

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



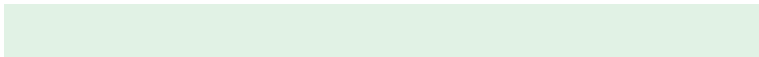
94, 9.400, 280.460



94, 9.400, 330.460



94, 9.400, 100.460



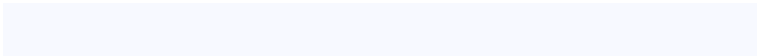
94, 9.400, 150.460

Sweetspot

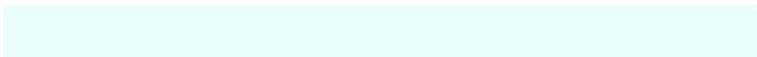
The Sweet Spot groups the original color and five complimentary colors.



94, 9.191, 280.188



98, 3.094, 279.498



98, 8.285, 180.003



52, 2.346, 279.581



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, 9.191, 280.188



93, 11.440, 280.468



93, 11.887, 301.102



50, 5.902, 280.271



28, 92.214, 301.769



6, 36.831, 296.932

Inverse Universe

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



94, 8.515, 2.401



93, 10.627, 2.636



99, 11.668, 120.009



50, 5.472, 2.472



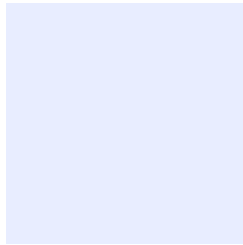
40, 73.912, 27.944



10, 31.859, 17.615

Previews

White Background



This preview shows how the CIELCh color 94, 9.400, 280.460 looks on a white background.

Color Contrast Check

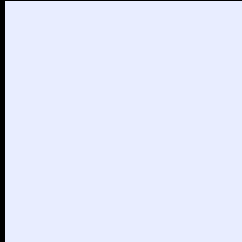
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 9.400, 280.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

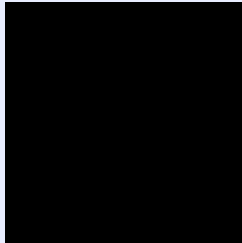
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.400, 280.460

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.400, 280.460.



This preview shows how white text looks on a background with the CIELCh color 94, 9.400, 280.460.

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

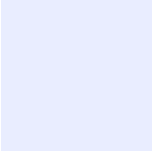
94, 9.400, 280.460

Protanopia

94, 9.292, 293.025

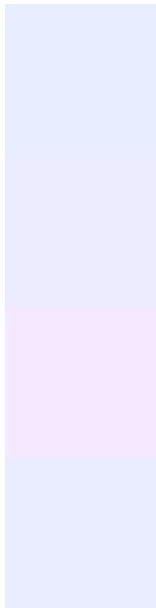
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.350, 282.513

Trichromacy



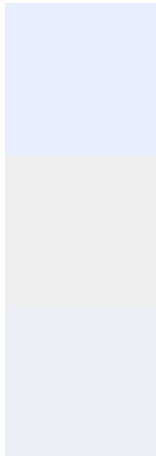
Original Color
94, 9.400, 280.460

Protanomaly
94, 8.774, 286.389

Deuteranomaly
94, 12.020, 309.445

Tritanomaly
94, 9.350, 282.513

Monochromacy



Original Color
94, 9.400, 280.460

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, 9.400, 280.460 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(232, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 237, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.400, 280.460 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(232, 237, 255) }
```

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

```
.border{ border-color:rgb(232, 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(232, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 237,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.400, 280.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 237, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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