

Converting Colors

CIELCh(94, 13.967, 276.066)

Have a look what the booklet for
CIELCh(94, 13.967, 276.066)
contains.

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Color

CIELCh(94, 9.447, 267.601)

Conversions

Conversions Part 1

Format	Color
Hex	E4EFFF
RGB	228, 239, 255
RGB Percent	89%, 94%, 100%
CMY	0.1070, 0.0639, 0.0000
CMYK	0.11, 0.06, 0.00, 0.00
HSL	216°, 100%, 95%
HSV	216°, 11%, 100%
XYZ	80.8454, 85.2715, 107.4098
YIQ	237.5350, -11.6920, 2.6440

Conversions

Conversions Part 2

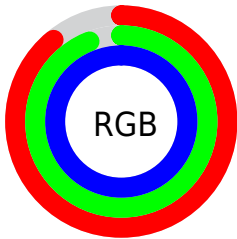
Format	Color
R _Y B	228, 236, 255
Decimal	15003647
CIE Lab	94.00, -0.40, -9.44
CIE LCh	94, 9.447, 267.601
Yxy	85.2715, 0.2956, 0.3117
Android (android.graphics.Color)	4293193727 (0xFFE4EFFF)
YUV	237.5350, 8.6102, -8.3622
Hunter-Lab	92.3426, -5.3238, -4.3243

Details

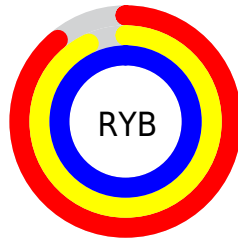
The CIELCh color `94, 9.447, 267.601` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 9.205, 83.714`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.923, 265.098` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.669, 268.210`, and if you desaturate by 10%, it is `100, 0.607, 265.786`.

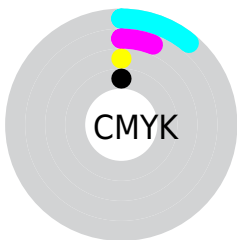
Distribution



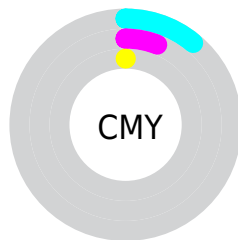
- Red (89%)
- Green (94%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.447, 267.601 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, 9.447, 267.601 by changing the saturation by 10% instead.

94, 9.447, 267.601

94, 9.447, 267.601

100, 9.447,
267.601

84, 9.447, 267.601

74, 9.447, 267.601

64, 9.447, 267.601

54, 9.447, 267.601

44, 9.447, 267.601

34, 9.447, 267.601

24, 9.447, 267.601

14, 9.447, 267.601

4, 9.447, 267.601

94, 9.447, 267.601

94, 9.447, 267.601

88, 17.669,
268.210

100, 0.607,
265.786

83, 26.271,
270.096

100, 0.012,
296.813

77, 34.916,
272.321

72, 43.614,
274.934

67, 52.400,
277.969

61, 61.329,
281.428

57, 70.466,
285.252

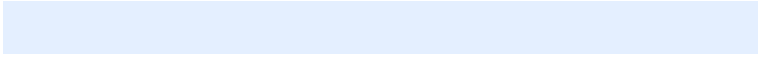
52, 79.845,
289.299

■ 48, 88.732,
293.010

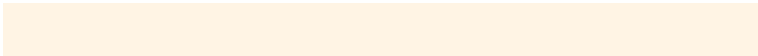
Harmonies

Complementary

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



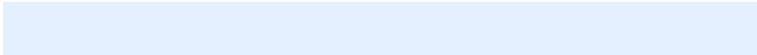
94, 9.447, 267.601



97, 9.205, 83.714

Rectangle

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



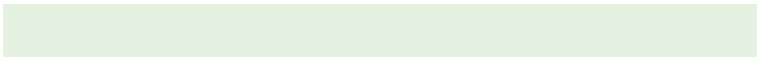
94, 9.447, 267.601



94, 9.447, 317.601



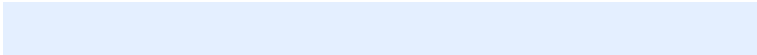
94, 9.447, 87.601



94, 9.447, 137.601

Sweetspot

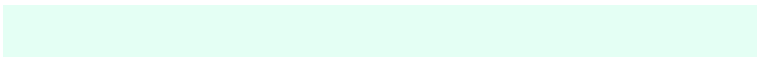
The Sweet Spot groups the original color and five complimentary colors.



94, 9.111, 266.620



98, 2.553, 265.642



98, 11.183, 167.483



52, 1.935, 265.719



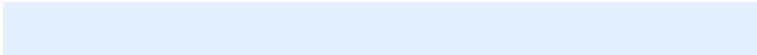
0, 0.000, 0.000



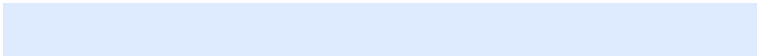
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.111, 266.620



93, 11.071, 266.960



91, 14.194, 294.426



50, 4.838, 266.448



36, 70.159, 292.289



10, 28.192, 286.543

Inverse Universe

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



93, 11.318, 350.157



91, 13.793, 350.394



99, 13.847, 112.552



50, 6.000, 350.034



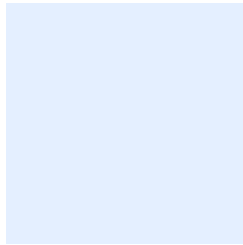
41, 68.287, 11.494



10, 31.307, 4.514

Previews

White Background



This preview shows how the CIELCh color 94, 9.447, 267.601 looks on a white background.

Color Contrast Check

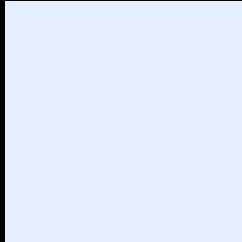
Large Text (above 18pt) WCAG AA × Fail

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, 9.447, 267.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

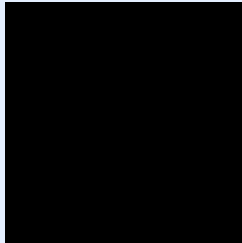
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

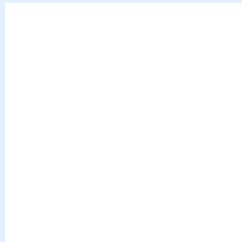
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.447, 267.601

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.447, 267.601.



This preview shows how white text looks on a background with the CIELCh color 94, 9.447, 267.601.

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, 8.973, 266.220

Protanopia

94, 8.777, 293.114

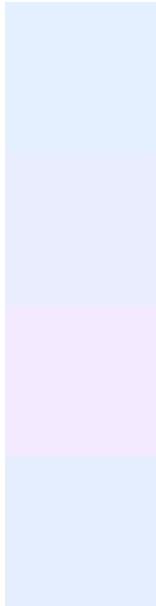
Deuteranopia

94, 14.260, 320.211



Tritanopia
94, 9.217, 271.480

Trichromacy



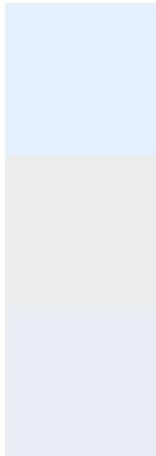
Original Color
94, 8.973, 266.220

Protanomaly
94, 8.802, 284.170

Deuteranomaly
94, 11.310, 306.927

Tritanomaly
94, 9.217, 271.480

Monochromacy



Original Color
94, 8.973, 266.220

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.374, 266.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.447, 267.601 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(228, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 239, 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(228, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 239, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.447, 267.601 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(228, 239, 255) }
```

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

```
.border{ border-color:rgb(228, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 239,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.447, 267.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 239, 255) }
```

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

```
.background{ background-color: rgb(228,  
239, 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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