

Converting Colors

CIELCh(94, 5.999, 270.464)

Have a look what the booklet for
CIELCh(94, 5.999, 270.464) contains.

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Color

CIELCh(94, 5.999, 270.464)

Conversions

Conversions Part 1

Format	Color
Hex	E8EEF9
RGB	232, 238, 249
RGB Percent	91%, 93%, 98%
CMY	0.0896, 0.0660, 0.0229
CMYK	0.07, 0.04, 0.00, 0.02
HSL	219°, 59%, 94%
HSV	219°, 7%, 98%
XYZ	81.0730, 85.2715, 101.9380
YIQ	237.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

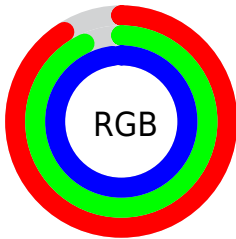
Format	Color
R _Y B	232, 236, 249
Decimal	15265529
CIE Lab	94.00, 0.05, -6.00
CIE LCh	94, 5.999, 270.464
Yxy	85.2715, 0.3022, 0.3178
Android (android.graphics.Color)	4293455609 (0xFFE8EEF9)
YUV	237.4600, 5.6892, -4.7884
Hunter-Lab	92.3426, -4.8840, -0.8111

Details

The CIELCh color `94, 5.999, 270.464` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 5.998, 88.602`, 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, 6.299, 270.711` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.872, 271.902`, and if you desaturate by 10%, it is `100, 2.596, 104.341`.

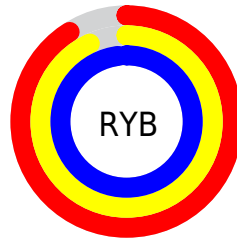
Distribution



Red (91%)

Green (93%)

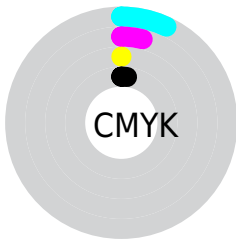
Blue (98%)



Red (91%)

Yellow (93%)

Blue (98%)

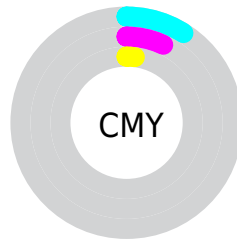


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 5.999, 270.464 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, 5.999, 270.464 by changing the saturation by 10% instead.

94, 5.999, 270.464

94, 5.999, 270.464

100, 5.999,
270.464

84, 5.999, 270.464

74, 5.999, 270.464

64, 5.999, 270.464

54, 5.999, 270.464

44, 5.999, 270.464

34, 5.999, 270.464

24, 5.999, 270.464

14, 5.999, 270.464

4, 5.999, 270.464

94, 5.999, 270.464

94, 5.999, 270.464

88, 14.872,
271.902

100, 2.596,
104.341

82, 23.867,
273.634

100, 2.951,
109.931

77, 32.985,
275.671

71, 42.244,
278.058

65, 51.674,
280.831

60, 61.322,
283.999

55, 71.231,
287.519

50, 81.395,
291.270

■ 45, 91.672,
295.041

Harmonies

Complementary

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



94, 5.999, 270.464



96, 5.998, 88.602

Rectangle

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



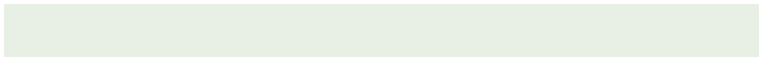
94, 5.999, 270.464



94, 5.999, 320.464



94, 5.999, 90.464



94, 5.999, 140.464

Sweetspot

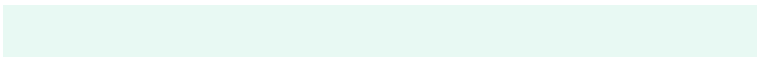
The Sweet Spot groups the original color and five complimentary colors.



94, 5.998, 270.446



99, 1.793, 269.929



97, 6.772, 170.969



53, 1.019, 269.925



0, 0.000, 0.000



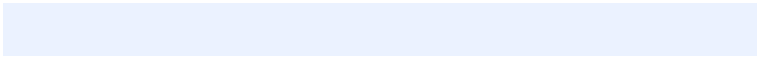
53, 0.007, 296.813

Same Dimension

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



94, 5.998, 270.446



95, 7.169, 270.603



93, 8.839, 295.956



49, 5.015, 270.807



33, 75.658, 295.512



8, 29.636, 289.904

Inverse Universe

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



94, 6.831, 352.938



95, 8.178, 353.065



97, 8.693, 114.886



49, 5.731, 353.223



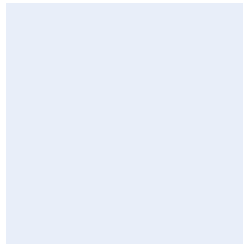
40, 68.455, 16.266



9, 30.463, 8.213

Previews

White Background



This preview shows how the CIELCh color 94, 5.999, 270.464 looks on a white background.

Color Contrast Check

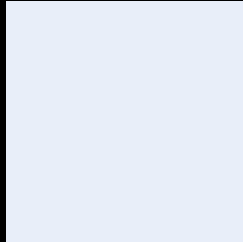
Large Text (above 18pt) WCAG AA × Fail

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, 5.999, 270.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

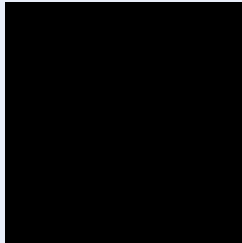
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

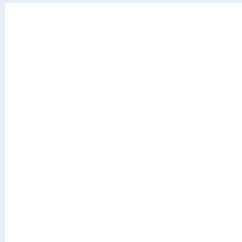
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 5.999, 270.464

Background



This preview shows how black text looks on a background with the CIELCh color 94, 5.999, 270.464.

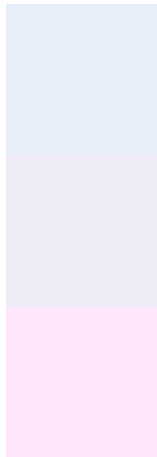


This preview shows how white text looks on a background with the CIELCh color 94, 5.999, 270.464.

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

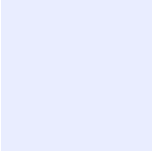
94, 5.999, 270.464

Protanopia

94, 6.291, 300.211

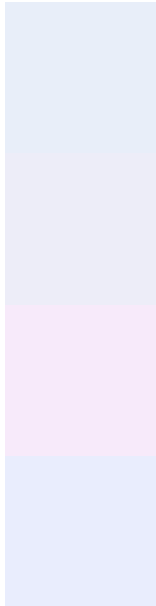
Deuteranopia

94, 13.360, 329.939



Tritanopia
94, 9.350, 282.513

Trichromacy



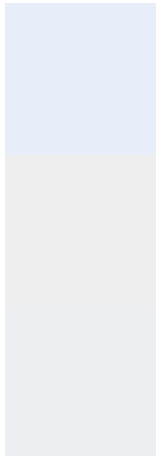
Original Color
94, 5.999, 270.464

Protanomaly
94, 5.671, 290.633

Deuteranomaly
94, 9.462, 319.444

Tritanomaly
94, 8.335, 281.368

Monochromacy



Original Color
94, 5.999, 270.464

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.173, 271.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 5.999, 270.464 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, 238, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 238, 249)  
}
```

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, 238, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 238, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 5.999, 270.464 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, 238, 249) }
```

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

```
.border{ border-color:rgb(232, 238, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 238, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 238, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 238, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 238,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 5.999, 270.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 238, 249) }
```

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

```
.background{ background-color: rgb(232,  
238, 249) }
```

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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