

Converting Colors

CIE LCh(94, 5.014, 261.999)

Have a look what the booklet for
CIELCh(94, 5.014, 261.999) contains.

CIELCh(94, 4.743, 259.814)	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, 4.743, 259.814)

Conversions

Conversions Part 1

Format	Color
Hex	E8EFF7
RGB	232, 239, 247
RGB Percent	91%, 94%, 97%
CMY	0.0918, 0.0643, 0.0330
CMYK	0.06, 0.03, 0.00, 0.03
HSL	212°, 47%, 94%
HSV	212°, 6%, 97%
XYZ	80.6187, 85.2715, 99.8724
YIQ	237.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

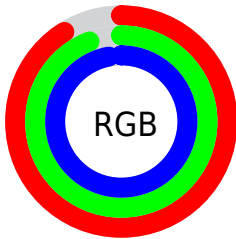
Format	Color
R _Y B	232, 237, 247
Decimal	15265783
CIE Lab	94.00, -0.84, -4.67
CIE LCh	94, 4.743, 259.814
Yxy	85.2715, 0.3033, 0.3209
Android (android.graphics.Color)	4293455863 (0xFFE8EFF7)
YUV	237.8190, 4.5262, -5.1033
Hunter-Lab	92.3426, -5.7621, 0.5152

Details

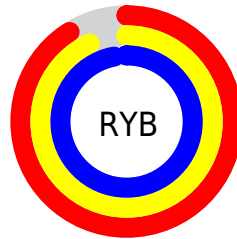
The CIELCh color `94, 4.743, 259.814` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 4.784, 78.071`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 4.975, 260.026` is the 20% darker color. If you saturate the color by 10%, you get `89, 12.506, 261.223`, and if you desaturate by 10%, it is `99, 2.839, 86.020`.

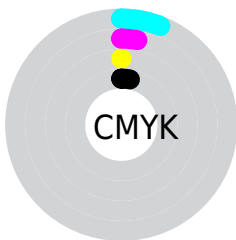
Distribution



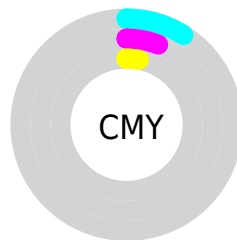
- Red (91%)
- Green (94%)
- Blue (97%)



- Red (91%)
- Yellow (93%)
- Blue (97%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.743, 259.814 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, 4.743, 259.814 by changing the saturation by 10% instead.

94, 4.743, 259.814

94, 4.743, 259.814

100, 4.743,
259.814

84, 4.743, 259.814

74, 4.743, 259.814

64, 4.743, 259.814

54, 4.743, 259.814

44, 4.743, 259.814

34, 4.743, 259.814

24, 4.743, 259.814

14, 4.743, 259.814

4, 4.743, 259.814

■ 94, 4.743, 259.814

■ 94, 4.743, 259.814

■ 89, 12.506,
261.223

■ 99, 2.839, 86.020

■ 84, 20.224,
262.969

■ 100, 4.254,
109.842

■ 79, 27.876,
265.048

■ 74, 35.451,
267.516

■ 69, 42.955,
270.425

■ 65, 50.426,
273.808

■ 60, 57.933,
277.654

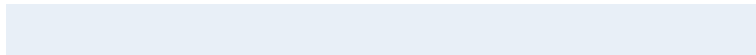
■ 56, 65.570,
281.879

■ 52, 73.422,
286.304

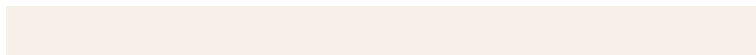
Harmonies

Complementary

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



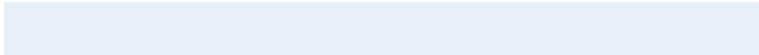
94, 4.743, 259.814



95, 4.784, 78.071

Rectangle

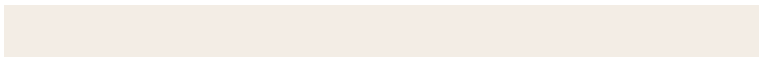
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 4.743, 259.814



94, 4.743, 309.814



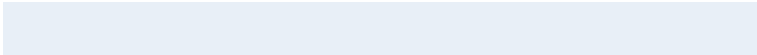
94, 4.743, 79.814



94, 4.743, 129.814

Sweetspot

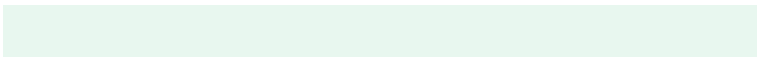
The Sweet Spot groups the original color and five complimentary colors.



94, 4.742, 259.788



99, 1.609, 259.420



96, 6.476, 164.121



53, 0.915, 259.420



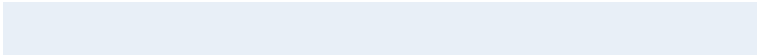
0, 0.000, 0.000



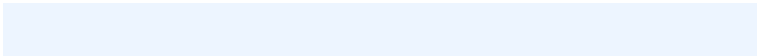
53, 0.007, 296.813

Same Dimension

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



94, 4.742, 259.788



96, 5.607, 259.906



92, 7.761, 291.439



49, 3.523, 259.980



38, 60.896, 287.173



10, 23.511, 280.174

Inverse Universe

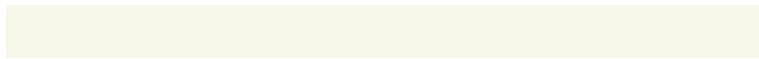
The Inverse Universe completely reimagines the original color for something new.



93, 6.470, 345.916



95, 7.663, 346.009



97, 7.640, 110.255



48, 4.819, 346.065



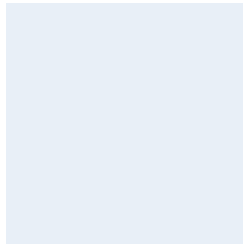
40, 66.667, 5.197



9, 29.985, 358.517

Previews

White Background



This preview shows how the CIELCh color 94, 4.743, 259.814 looks on a white background.

Color Contrast Check

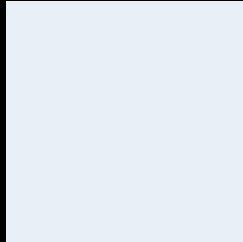
Large Text (above 18pt) WCAG AA × Fail

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, 4.743, 259.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

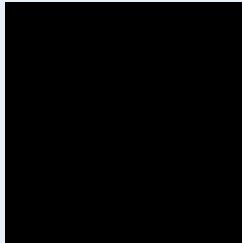
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

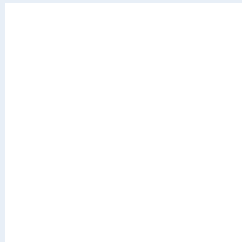
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.743, 259.814

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.743, 259.814.



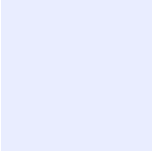
This preview shows how white text looks on a background with the CIELCh color 94, 4.743, 259.814.

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](#).

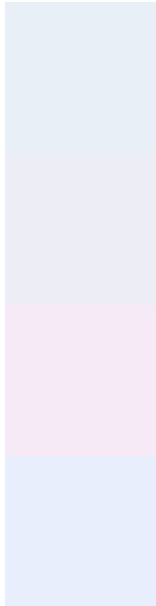
Dichromacy





Tritanopia
94, 9.350, 282.513

Trichromacy



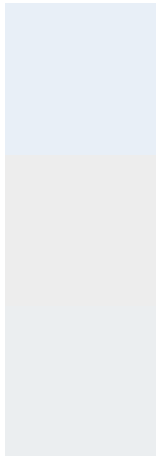
Original Color
94, 4.743, 259.814

Protanomaly
94, 4.642, 290.556

Deuteranomaly
94, 7.956, 322.587

Tritanomaly
94, 7.463, 274.748

Monochromacy



Original Color
94, 4.743, 259.814

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.468, 244.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.743, 259.814 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, 239, 247)` looks like.

```
.text, #text, p{  
    color:rgb(232, 239, 247)  
}
```

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, 239, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.743, 259.814 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, 239, 247) }
```

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

```
.border{ border-color:rgb(232, 239, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 239, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 239, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 239, 247);  
box-shadow:4px 4px 4px 4px rgb(232, 239,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.743, 259.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 247) }
```

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

```
.background{ background-color: rgb(232,  
239, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor