

Converting Colors

CIE LCh(94, 8.465, 274.204)

Have a look what the booklet for
CIELCh(94, 8.465, 274.204) contains.

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Color

CIELCh(94, 8.536, 274.576)

Conversions

Conversions Part 1

Format	Color
Hex	E7EEFE
RGB	231, 238, 254
RGB Percent	91%, 93%, 100%
CMY	0.0942, 0.0668, 0.0040
CMYK	0.09, 0.06, 0.00, 0.00
HSL	222°, 92%, 95%
HSV	222°, 9%, 100%
XYZ	81.3978, 85.2715, 105.9117
YIQ	237.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

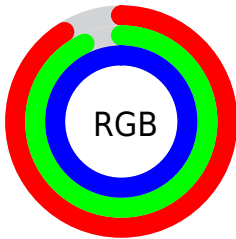
Format	Color
R _Y B	231, 236, 254
Decimal	15199998
CIE Lab	94.00, 0.68, -8.51
CIE LCh	94, 8.536, 274.576
Yxy	85.2715, 0.2986, 0.3128
Android (android.graphics.Color)	4293390078 (0xFFE7EEFE)
YUV	237.7310, 8.0206, -5.9031
Hunter-Lab	92.3426, -4.2561, -3.3625

Details

The CIELCh color `94, 8.536, 274.576` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 8.510, 92.215`, 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, 8.448, 273.801` is the 20% darker color. If you saturate the color by 10%, you get `88, 18.123, 276.049`, and if you desaturate by 10%, it is `100, 0.509, 109.988`.

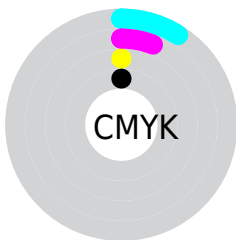
Distribution



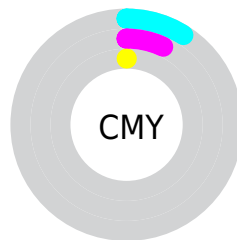
- Red (91%)
- Green (93%)
- Blue (100%)



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



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.536, 274.576 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, 8.536, 274.576 by changing the saturation by 10% instead.

 94, 8.536, 274.576

 94, 8.536, 274.576

 100, 8.536,
274.576

 84, 8.536, 274.576

 74, 8.536, 274.576

 64, 8.536, 274.576

 54, 8.536, 274.576

 44, 8.536, 274.576

 34, 8.536, 274.576

 24, 8.536, 274.576

 14, 8.536, 274.576

 4, 8.536, 274.576

94, 8.536, 274.576

94, 8.536, 274.576

88, 18.123,
276.049

100, 0.509,
109.988

82, 27.905,
277.801

75, 37.898,
279.855

69, 48.128,
282.253

63, 58.635,
285.019

57, 69.457,
288.145

52, 80.585,
291.558

47, 91.884,
295.100

■ 42, 102.979,
298.506

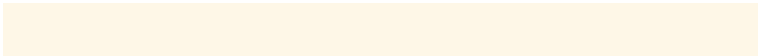
Harmonies

Complementary

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



94, 8.536, 274.576



97, 8.510, 92.215

Rectangle

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



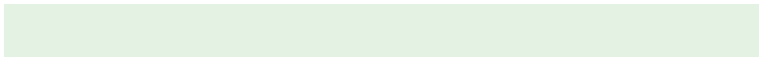
94, 8.536, 274.576



94, 8.536, 324.576



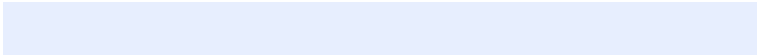
94, 8.536, 94.576



94, 8.536, 144.576

Sweetspot

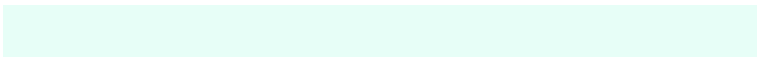
The Sweet Spot groups the original color and five complimentary colors.



94, 8.534, 274.565



98, 2.827, 273.825



98, 8.840, 174.038



52, 2.143, 273.907



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, 8.534, 274.565



93, 10.418, 274.833



93, 12.009, 298.021



50, 5.378, 274.626



31, 82.565, 298.213



8, 33.140, 293.304

Inverse Universe

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



94, 9.007, 356.454



93, 11.020, 356.666



99, 11.767, 116.715



50, 5.679, 356.503



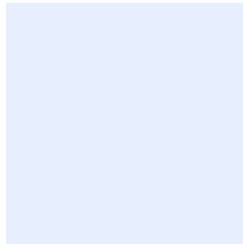
40, 70.532, 20.855



10, 31.443, 12.434

Previews

White Background



This preview shows how the CIELCh color 94, 8.536, 274.576 looks on a white background.

Color Contrast Check

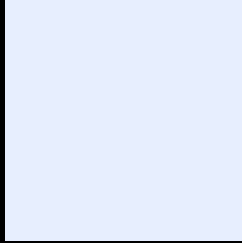
Large Text (above 18pt) WCAG AA × Fail

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, 8.536, 274.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

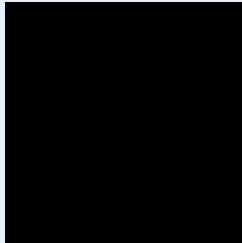
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

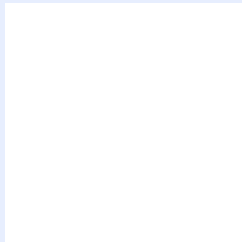
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.536, 274.576

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.536, 274.576.



This preview shows how white text looks on a background with the CIELCh color 94, 8.536, 274.576.

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

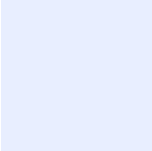
94, 8.536, 274.576

Protanopia

94, 8.777, 293.114

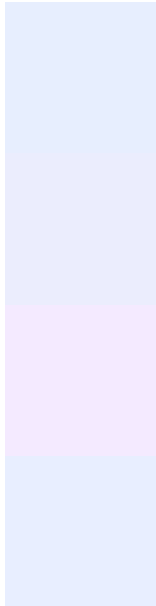
Deuteranopia

94, 14.434, 321.435



Tritanopia
94, 8.953, 277.656

Trichromacy



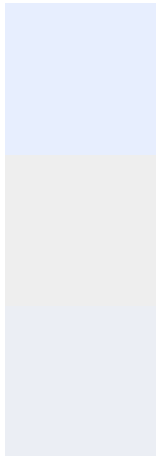
Original Color
94, 8.536, 274.576

Protanomaly
94, 8.262, 286.063

Deuteranomaly
94, 11.413, 308.600

Tritanomaly
94, 8.953, 277.656

Monochromacy



Original Color
94, 8.536, 274.576

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.252, 271.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.536, 274.576 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(231, 238, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 238, 254)  
}
```

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(231, 238, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 238, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.536, 274.576 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(231, 238, 254) }
```

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

```
.border{ border-color:rgb(231, 238, 254) }
```

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

Here you see how a box with a 4 pixel rgb(231, 238, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 238,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.536, 274.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 238, 254) }
```

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

```
.background{ background-color: rgb(231,  
238, 254) }
```

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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