

Converting Colors

CIELCh(95, 17.142, 279.558)

Have a look what the booklet for
CIELCh(95, 17.142, 279.558)
contains.

CIELCh(94, 8.505, 264.694)	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, 8.505, 264.694)

Conversions

Conversions Part 1

Format	Color
Hex	E4EFFE
RGB	228, 239, 254
RGB Percent	89%, 94%, 100%
CMY	0.1064, 0.0633, 0.0045
CMYK	0.10, 0.06, 0.00, 0.00
HSL	215°, 92%, 94%
HSV	215°, 10%, 100%
XYZ	80.6454, 85.2715, 105.8472
YIQ	237.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

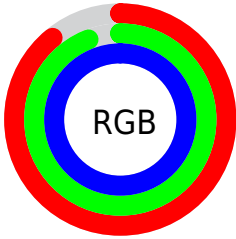
Format	Color
R_{YB}	228, 236, 254
Decimal	15003646
CIE _{Lab}	94.00, -0.79, -8.47
CIE _{LCh}	94, 8.505, 264.694
Yxy	85.2715, 0.2967, 0.3138
Android (android.graphics.Color)	4293193726 (0xFFE4EFFE)
YUV	237.4210, 8.1734, -8.2622
Hunter-Lab	92.3426, -5.7105, -3.3211

Details

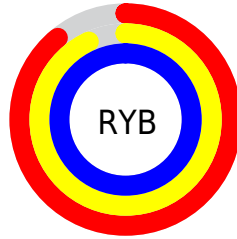
The CIELCh color `94, 8.505, 264.694` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 8.611, 81.897`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.444, 263.393` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.832, 266.261`, and if you desaturate by 10%, it is `99, 0.203, 265.089`.

Distribution



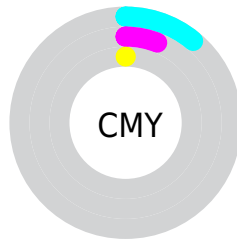
- Red (89%)
- Green (94%)
- Blue (100%)



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



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.505, 264.694 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, 8.505, 264.694 by changing the saturation by 10% instead.

 94, 8.505, 264.694

 94, 8.505, 264.694

 100, 8.505,
264.694

 84, 8.505, 264.694

 74, 8.505, 264.694

 64, 8.505, 264.694

 54, 8.505, 264.694

 44, 8.505, 264.694

 34, 8.505, 264.694

 24, 8.505, 264.694

 14, 8.505, 264.694

 4, 8.505, 264.694

94, 8.505, 264.694

94, 8.505, 264.694

89, 16.832,
266.261

99, 0.203, 265.089

83, 25.173,
268.141

100, 0.572,
110.000

78, 33.520,
270.364

72, 41.879,
272.980

67, 50.279,
276.029

62, 58.774,
279.519

58, 67.437,
283.399

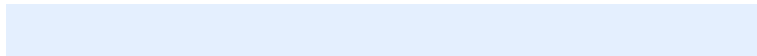
53, 76.329,
287.537

■ 49, 85.231,
291.560

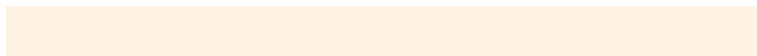
Harmonies

Complementary

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



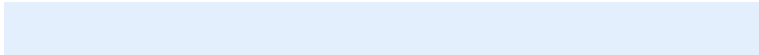
94, 8.505, 264.694



96, 8.611, 81.897

Rectangle

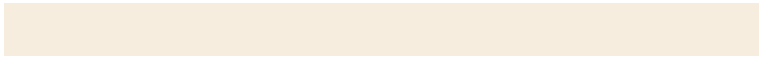
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.505, 264.694



94, 8.505, 314.694



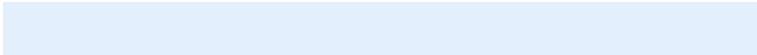
94, 8.505, 84.694



94, 8.505, 134.694

Sweetspot

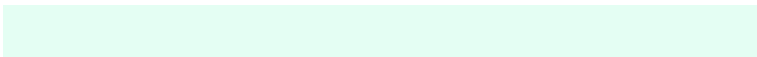
The Sweet Spot groups the original color and five complimentary colors.



94, 8.504, 264.681



98, 2.505, 263.778



98, 10.776, 166.545



52, 1.898, 263.853



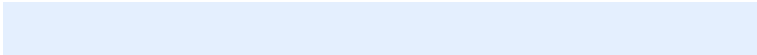
0, 0.000, 0.000



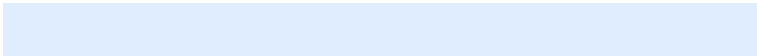
53, 0.007, 296.813

Same Dimension

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



94, 8.504, 264.681



93, 10.010, 264.940



91, 13.497, 293.755



50, 4.742, 264.578



37, 67.645, 290.824



10, 27.226, 284.906

Inverse Universe

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



93, 10.904, 348.885



92, 12.867, 349.064



99, 13.179, 111.912



50, 6.074, 348.812



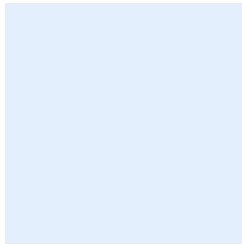
41, 68.102, 9.544



10, 31.364, 2.821

Previews

White Background



This preview shows how the CIELCh color 94, 8.505, 264.694 looks on a white background.

Color Contrast Check

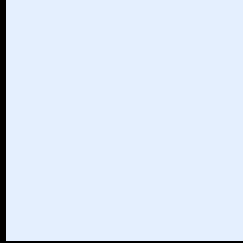
Large Text (above 18pt) WCAG AA × Fail

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, 8.505, 264.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

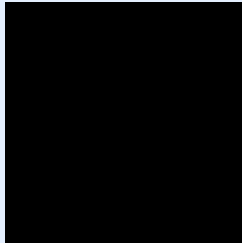
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

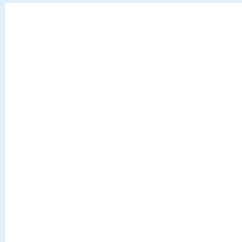
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.505, 264.694

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.505, 264.694.



This preview shows how white text looks on a background with the CIELCh color 94, 8.505, 264.694.

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](#).

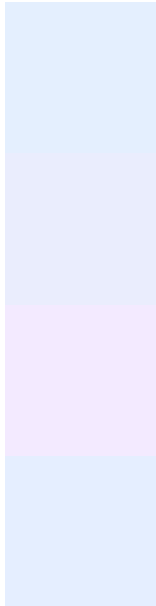
Dichromacy





Tritanopia
94, 9.118, 273.495

Trichromacy



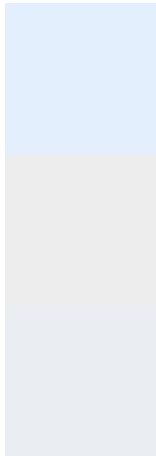
Original Color
94, 8.512, 264.699

Protanomaly
94, 8.291, 283.703

Deuteranomaly
94, 11.310, 306.927

Tritanomaly
94, 9.217, 271.480

Monochromacy



Original Color
94, 8.512, 264.699

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.915, 261.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.505, 264.694 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(228, 239, 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(228, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 239, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.505, 264.694 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, 254) }
```

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

```
.border{ border-color:rgb(228, 239, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 239, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 239, 254);  
box-shadow:4px 4px 4px 4px rgb(228, 239,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.505, 264.694 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, 254) }
```

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

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

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