

Converting Colors

CIELCh(94, 24.513, 201.649)

Have a look what the booklet for
CIELCh(94, 24.513, 201.649)
contains.

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Color

CIElCh(94, 24.427, 201.566)

Conversions

Conversions Part 1

Format	Color
Hex	AEFBFE
RGB	174, 251, 254
RGB Percent	68%, 98%, 100%
CMY	0.3171, 0.0151, 0.0033
CMYK	0.31, 0.01, 0.00, 0.00
HSL	182°, 98%, 84%
HSV	182°, 31%, 100%
XYZ	69.9477, 85.2715, 106.6670
YIQ	228.3190, -46.8550, -15.3910

Conversions

Conversions Part 2

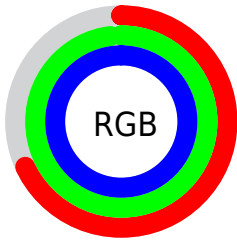
Format	Color
RYB	174, 213, 254
Decimal	11467774
CIELab	94.00, -22.72, -8.98
CIELCh	94, 24.427, 201.566
Yxy	85.2715, 0.2671, 0.3256
Android (android.graphics.Color)	4289657854 (0xFFFAEFBFE)
YUV	228.3190, 12.6607, -47.6378
Hunter-Lab	92.3426, -26.3893, -3.8474

Details

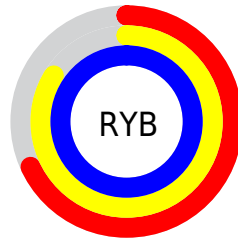
The CIELCh color **94, 24.427, 201.566** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 30.546, 24.905**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **74, 24.403, 201.449** is the 20% darker color. If you saturate the color by 10%, you get **93, 30.758, 201.361**, and if you desaturate by 10%, it is **96, 17.307, 201.855**.

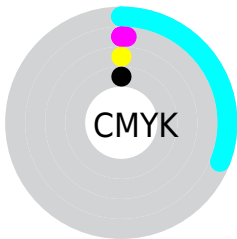
Distribution



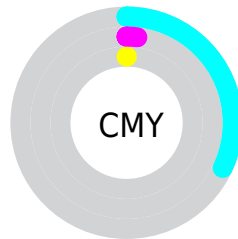
- Red (68%)
- Green (98%)
- Blue (100%)



- Red (68%)
- Yellow (84%)
- Blue (100%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 24.427, 201.566 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, 24.427, 201.566 by changing the saturation by 10% instead.

 94, 24.427,
201.566

 94, 24.427,
201.566

 100, 24.427,
201.566

 84, 24.427,
201.566

 74, 24.427,
201.566

 64, 24.427,
201.566

 54, 24.427,
201.566

 44, 24.427,
201.566

 34, 24.427,
201.566

 24, 24.427,

201.566

■ 14, 24.427,
201.566

■ 4, 24.427, 201.566

■ 94, 24.427,
201.566

■ 94, 24.427,
201.566

■ 93, 30.758,
201.361

■ 96, 17.307,
201.855

■ 91, 36.165,
201.263

■ 97, 9.537, 202.240

■ 90, 40.540,
201.281

■ 99, 1.258, 203.111

100, 0.400,
108.264

■ 90, 43.816,
201.428

100, 0.417,
109.961

■ 89, 45.988,
201.714

■ 88, 47.124,
202.144

■ 88, 47.454,
202.611

Harmonies

Complementary

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



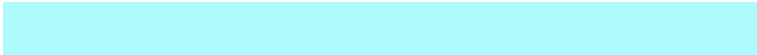
94, 24.427, 201.566



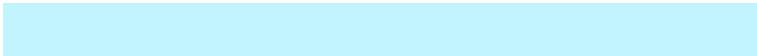
79, 30.546, 24.905

Rectangle

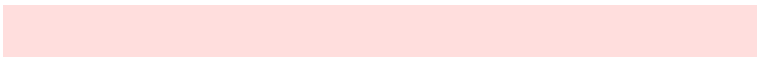
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 24.427, 201.566



94, 24.427, 251.566



94, 24.427, 21.566



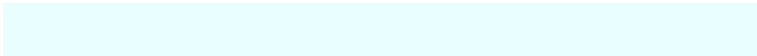
94, 24.427, 71.566

Sweetspot

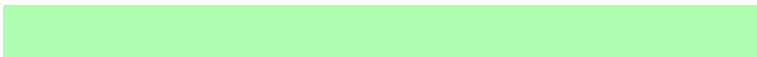
The Sweet Spot groups the original color and five complimentary colors.



94, 24.427, 201.562



98, 7.548, 202.356



93, 48.985, 143.064



52, 5.225, 202.286



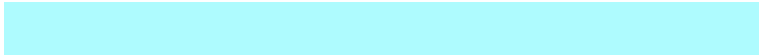
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 24.427, 201.562



93, 28.731, 201.420



83, 24.974, 264.084



52, 4.762, 202.331



68, 38.349, 202.500



23, 17.745, 201.727

Inverse Universe

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



81, 48.835, 327.216



78, 58.784, 327.569



89, 26.789, 74.860



50, 8.829, 325.969



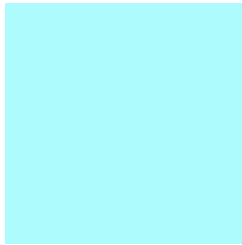
45, 90.384, 329.783



12, 41.729, 329.589

Previews

White Background



This preview shows how the CIE LCh color 94, 24.427, 201.566 looks on a white background.

Color Contrast Check

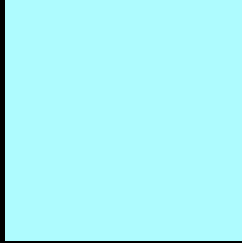
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 24.427, 201.566 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, 24.427, 201.566

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.427, 201.566.

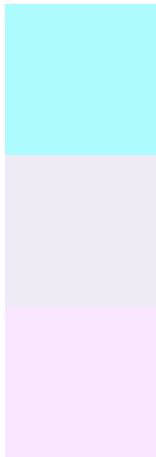


This preview shows how white text looks on a background with the CIELCh color 94, 24.427, 201.566.

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, 24.427, 201.566

Protanopia
94, 5.368, 305.685

Deuteranopia
94, 13.780, 316.379

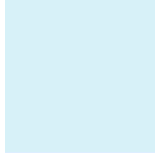


Tritanopia
94, 13.366, 223.919

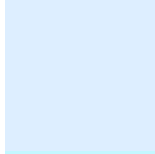
Trichromacy



Original Color
94, 24.427, 201.566



Protanomaly
94, 9.448, 221.459



Deuteranomaly
93, 10.356, 257.275

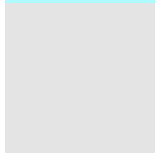


Tritanomaly
94, 17.348, 212.219

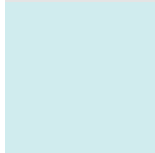
Monochromacy



Original Color
94, 24.427, 201.566



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 9.628, 205.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 24.427, 201.566 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(174, 251, 254)` looks like.

```
.text, #text, p{  
    color:rgb(174, 251, 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(174, 251, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 251, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.427, 201.566 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(174, 251, 254) }
```

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

```
.border{ border-color:rgb(174, 251, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 251, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 251, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 251, 254);  
box-shadow:4px 4px 4px 4px rgb(174, 251,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.427, 201.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 251, 254) }
```

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

```
.background{ background-color: rgb(174,  
251, 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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