

Converting Colors

CIELCh(94, 26.971, 220.593)

Have a look what the booklet for
CIELCh(94, 26.971, 220.593)
contains.

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Color

CIECh(94, 26.297, 202.336)

Conversions

Conversions Part 1

Format	Color
Hex	A8FCFF
RGB	168, 252, 255
RGB Percent	66%, 99%, 100%
CMY	0.3410, 0.0115, 0.0000
CMYK	0.34, 0.01, 0.00, 0.00
HSL	182°, 100%, 83%
HSV	182°, 34%, 100%
XYZ	69.2034, 85.2715, 108.3108
YIQ	227.2260, -51.0270, -16.8750

Conversions

Conversions Part 2

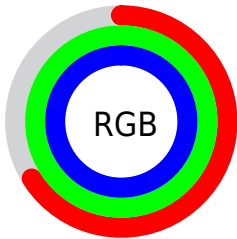
Format	Color
RYB	168, 211, 255
Decimal	11074815
CIELab	94.00, -24.32, -9.99
CIELCh	94, 26.297, 202.336
Yxy	85.2715, 0.2633, 0.3245
Android (android.graphics.Color)	4289264895 (0xFFA8FCFF)
YUV	227.2260, 13.6926, -51.9412
Hunter-Lab	92.3426, -27.8281, -4.9028

Details

The CIELCh color **94, 26.297, 202.336** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.627, 24.935**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **74, 26.194, 201.060** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.477, 200.924**, and if you desaturate by 10%, it is **96, 19.366, 201.409**.

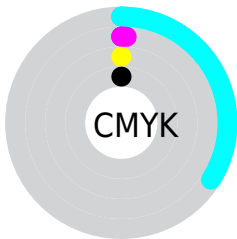
Distribution



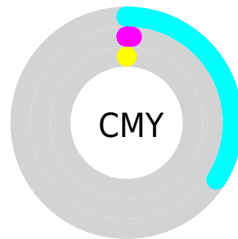
- Red (66%)
- Green (99%)
- Blue (100%)



- Red (66%)
- Yellow (83%)
- Blue (100%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 26.297, 202.336 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, 26.297, 202.336 by changing the saturation by 10% instead.


 94, 26.297,
202.336


 94, 26.297,
202.336


 100, 26.297,
202.336


 84, 26.297,
202.336

 74, 26.297,
202.336

 64, 26.297,
202.336


 54, 26.297,
202.336

 44, 26.297,
202.336

 34, 26.297,
202.336

 24, 26.297,


202.336


 14, 26.297,
202.336


 4, 26.297, 202.336


 94, 26.297,
202.336


 94, 26.297,
202.336

 93, 32.477,
200.924

 96, 19.366,
201.409

 91, 37.657,
200.829

 97, 11.704,
201.784

 91, 41.778,
200.848

 99, 3.495, 202.329

 90, 44.787,
200.993

100, 0.012,
296.813

■ 89, 46.698,
201.270

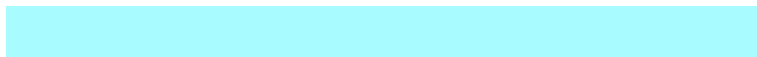
■ 89, 47.604,
201.682

■ 89, 47.799,
201.976

Harmonies

Complementary

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



94, 26.297, 202.336



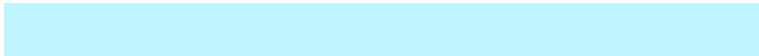
78, 33.627, 24.935

Rectangle

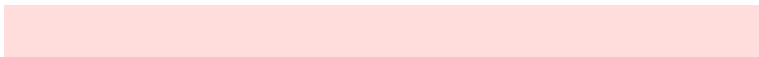
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



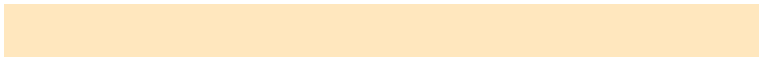
94, 26.297, 202.336



94, 26.297, 252.336



94, 26.297, 22.336



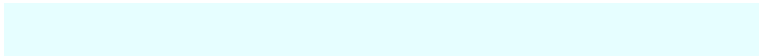
94, 26.297, 72.336

Sweetspot

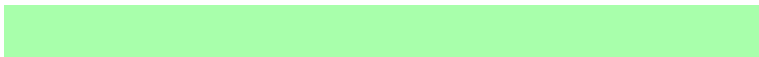
The Sweet Spot groups the original color and five complimentary colors.



94, 26.337, 201.121



98, 8.395, 201.969



93, 53.139, 142.817



52, 5.706, 201.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

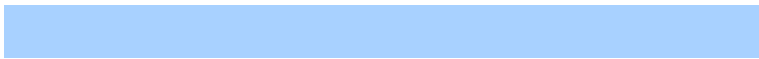
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 26.337, 201.121



93, 30.669, 200.975



82, 27.102, 264.648



52, 4.779, 201.993



68, 38.528, 201.875



23, 17.819, 201.185

Inverse Universe

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



80, 53.082, 327.254



76, 63.338, 327.619



88, 29.261, 74.510



50, 8.851, 325.868



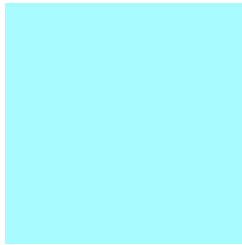
45, 90.643, 329.626



12, 41.834, 329.453

Previews

White Background



This preview shows how the CIE LCh color 94, 26.297, 202.336 looks on a white background.

Color Contrast Check

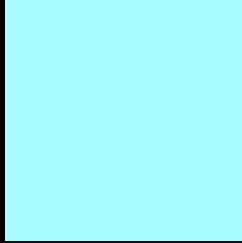
Large Text (above 18pt) WCAG AA × Fail

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, 26.297, 202.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

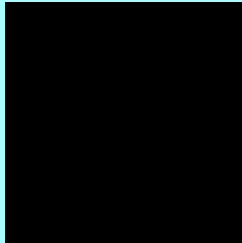
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 26.297, 202.336

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.297, 202.336.



This preview shows how white text looks on a background with the CIELCh color 94, 26.297, 202.336.

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



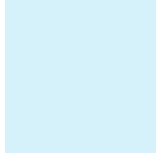


Tritanopia
94, 13.938, 222.789

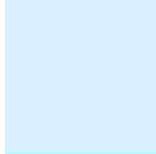
Trichromacy



Original Color
94, 26.330, 201.189



Protanomaly
93, 10.223, 222.776

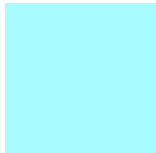


Deuteranomaly
93, 10.717, 249.651

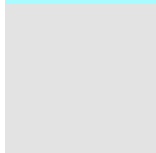


Tritanomaly
94, 18.226, 211.492

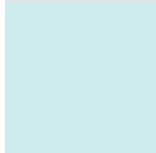
Monochromacy



Original Color
94, 26.330, 201.189



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.278, 201.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 26.297, 202.336 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(168, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 252, 255)  
}
```

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(168, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 252, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.297, 202.336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

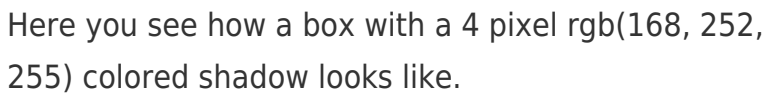
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 252, 255) }
```

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

```
.border{ border-color:rgb(168, 252, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 252, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 252, 255); box-shadow:4px 4px 4px 4px rgb(168, 252, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.297, 202.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 252, 255) }
```

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

```
.background{ background-color: rgb(168,  
252, 255) }
```

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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