

Converting Colors

CIELCh(94, 26.781, 199.219)

Have a look what the booklet for
CIELCh(94, 26.781, 199.219)
contains.

CIELCh(94, 26.646, 200.005)	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, 26.646, 200.005)

Conversions

Conversions Part 1

Format	Color
Hex	A7FCFE
RGB	167, 252, 254
RGB Percent	65%, 99%, 100%
CMY	0.3437, 0.0104, 0.0025
CMYK	0.34, 0.01, 0.00, 0.00
HSL	181°, 99%, 83%
HSV	181°, 34%, 100%
XYZ	68.8742, 85.2715, 106.8878
YIQ	226.8130, -51.3020, -17.3980

Conversions

Conversions Part 2

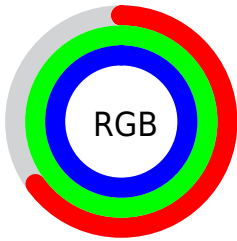
Format	Color
R _Y B	167, 210, 254
Decimal	11009278
CIE Lab	94.00, -25.04, -9.12
CIE LCh	94, 26.646, 200.005
Yxy	85.2715, 0.2639, 0.3267
Android (android.graphics.Color)	4289199358 (0xFFA7FCFE)
YUV	226.8130, 13.4032, -52.4560
Hunter-Lab	92.3426, -28.4644, -3.9891

Details

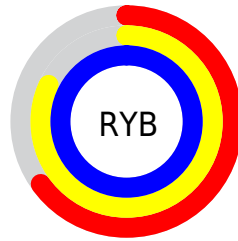
The CIELCh color **94, 26.646, 200.005** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.000, 24.143**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **74, 26.508, 199.803** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.838, 199.742**, and if you desaturate by 10%, it is **95, 19.617, 200.343**.

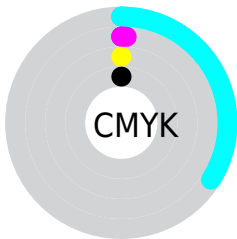
Distribution



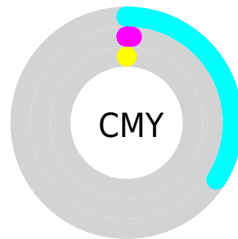
- Red (65%)
- Green (99%)
- Blue (100%)



- Red (65%)
- Yellow (82%)
- 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, 26.646, 200.005 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, 26.646, 200.005 by changing the saturation by 10% instead.

 94, 26.646,
200.005

 94, 26.646,
200.005

 100, 26.646,
200.005


 84, 26.646,
200.005

 74, 26.646,
200.005

 64, 26.646,
200.005

 54, 26.646,
200.005

 44, 26.646,
200.005

 34, 26.646,
200.005

 24, 26.646,

200.005

■ 14, 26.646,
200.005

■ 4, 26.646, 200.005

■ 94, 26.646,
200.005

■ 94, 26.646,
200.005

■ 93, 32.838,
199.742

■ 95, 19.617,
200.343

■ 92, 38.064,
199.572

■ 97, 11.892,
200.762

■ 91, 42.227,
199.501

■ 99, 3.614, 201.342

100, 0.193, 75.354

■ 90, 45.278,
199.534

100, 0.318,
109.911

■ 90, 47.232,
199.677

■ 89, 48.184,
199.928

■ 89, 48.408,
200.111

Harmonies

Complementary

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



94, 26.646, 200.005



78, 34.000, 24.143

Rectangle

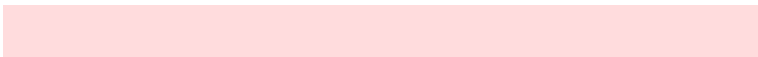
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 26.646, 200.005



94, 26.646, 250.005



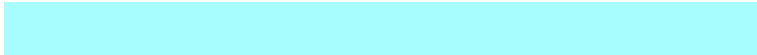
94, 26.646, 20.005



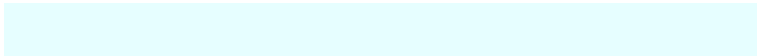
94, 26.646, 70.005

Sweetspot

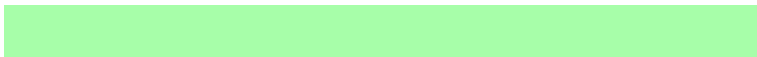
The Sweet Spot groups the original color and five complimentary colors.



94, 26.646, 200.002



98, 8.486, 200.969



93, 53.790, 142.365



52, 5.768, 200.897



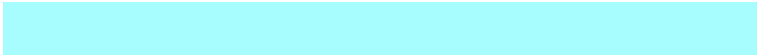
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

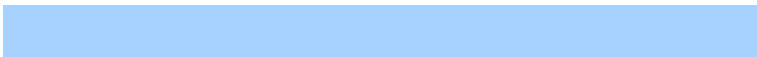
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 26.646, 200.002



93, 31.015, 199.816



83, 26.631, 262.906



52, 4.831, 200.995



69, 39.086, 200.046



23, 18.049, 199.592

Inverse Universe

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



80, 53.519, 326.945



76, 63.799, 327.299



88, 29.048, 72.821



50, 8.917, 325.567



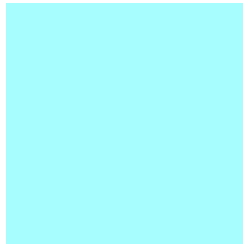
45, 91.422, 329.167



12, 42.150, 329.052

Previews

White Background



This preview shows how the CIE LCh color 94, 26.646, 200.005 looks on a white background.

Color Contrast Check

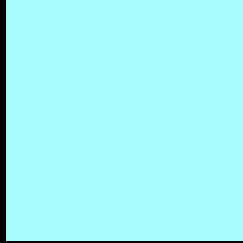
Large Text (above 18pt) WCAG AA × Fail

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, 26.646, 200.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

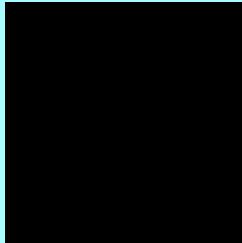
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 26.646, 200.005

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.646, 200.005.



This preview shows how white text looks on a background with the CIELCh color 94, 26.646, 200.005.

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



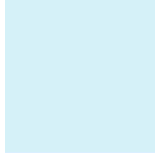


Tritanopia
94, 13.938, 222.789

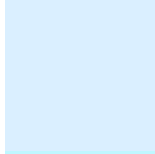
Trichromacy



Original Color
94, 26.646, 200.005



Protanomaly
93, 10.056, 219.995



Deuteranomaly
93, 10.717, 249.651

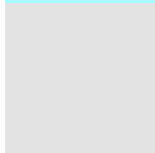


Tritanomaly
94, 18.517, 211.266

Monochromacy



Original Color
94, 26.646, 200.005



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 10.608, 201.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 26.646, 200.005 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(167, 252, 254)` looks like.

```
.text, #text, p{  
    color:rgb(167, 252, 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(167, 252, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 252, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.646, 200.005 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(167, 252, 254) }
```

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

```
.border{ border-color:rgb(167, 252, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 252, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 252, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 252, 254);  
box-shadow:4px 4px 4px 4px rgb(167, 252,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.646, 200.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 252, 254) }
```

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

```
.background{ background-color: rgb(167,  
252, 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