

Converting Colors

CIELCh(100, 42.155, 178.645)

Have a look what the booklet for
CIELCh(100, 42.155, 178.645)
contains.

CIELCh(94, 32.908, 194.664)	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, 32.908, 194.664)

Conversions

Conversions Part 1

Format	Color
Hex	94FFFD
RGB	148, 255, 253
RGB Percent	58%, 100%, 99%
CMY	0.4209, 0.0000, 0.0092
CMYK	0.42, 0.00, 0.01, 0.00
HSL	179°, 100%, 79%
HSV	179°, 42%, 100%
XYZ	65.7938, 85.2715, 105.6264
YIQ	222.7790, -63.1300, -23.3060

Conversions

Conversions Part 2

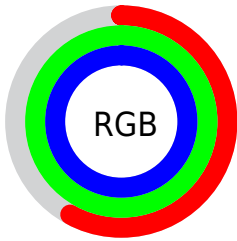
Format	Color
RYB	148, 202, 255
Decimal	9764861
CIELab	94.00, -31.84, -8.33
CIElCh	94, 32.908, 194.664
Yxy	85.2715, 0.2563, 0.3322
Android (android.graphics.Color)	4287954941 (0xFF94FFFD)
YUV	222.7790, 14.8990, -65.5812
Hunter-Lab	92.3426, -34.4189, -3.1793

Details

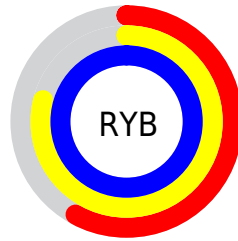
The CIELCh color **94, 32.908, 194.664** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 43.728, 22.124**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **74, 32.579, 195.069** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.386, 194.789**, and if you desaturate by 10%, it is **95, 26.031, 195.762**.

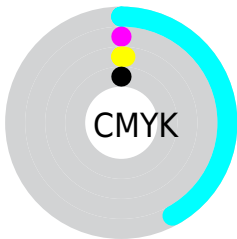
Distribution



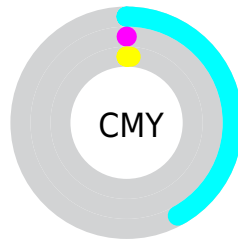
- Red (58%)
- Green (100%)
- Blue (99%)



- Red (58%)
- Yellow (79%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.908, 194.664 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, 32.908, 194.664 by changing the saturation by 10% instead.

 94, 32.908,
194.664

 94, 32.908,
194.664

 100, 32.908,
194.664

 84, 32.908,
194.664

 74, 32.908,
194.664

 64, 32.908,
194.664

 54, 32.908,
194.664

 44, 32.908,
194.664

 34, 32.908,
194.664

 24, 32.908,

194.664

■ 14, 32.908,
194.664

■ 4, 32.908, 194.664

■ 94, 32.908,
194.664

■ 94, 32.908,
194.664

■ 93, 38.386,
194.789

■ 95, 26.031,
195.762

■ 92, 43.045,
194.364

■ 96, 18.580,
196.312

■ 92, 46.593,
193.976

■ 98, 10.472,
196.914

■ 91, 49.030,
193.617

■ 100, 1.854,
197.809

■ 91, 50.433,
193.278

100, 0.012,
296.813

■ 91, 50.978,
193.017

Harmonies

Complementary

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



94, 32.908, 194.664



73, 43.728, 22.124

Rectangle

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



94, 32.908, 194.664



94, 32.908, 244.664



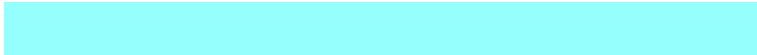
94, 32.908, 14.664



94, 32.908, 64.664

Sweetspot

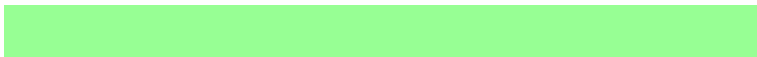
The Sweet Spot groups the original color and five complimentary colors.



94, 32.679, 195.255



98, 11.231, 196.856



92, 65.921, 140.433



52, 7.811, 196.719



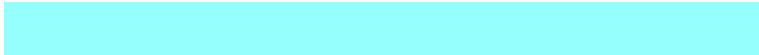
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 32.679, 195.255



93, 37.812, 194.838



80, 30.891, 259.084



52, 4.956, 197.084



70, 41.047, 193.073



24, 18.843, 193.466

Inverse Universe

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



73, 43.728, 22.124



68, 54.316, 23.906



84, 35.853, 66.693



49, 5.252, 18.172



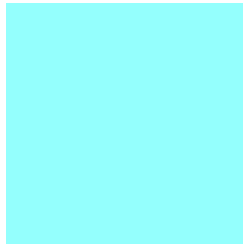
40, 83.250, 39.144



10, 33.186, 26.303

Previews

White Background



This preview shows how the CIE LCh color 94, 32.908, 194.664 looks on a white background.

Color Contrast Check

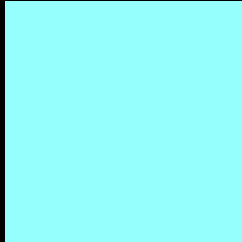
Large Text (above 18pt) WCAG AA × Fail

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, 32.908, 194.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

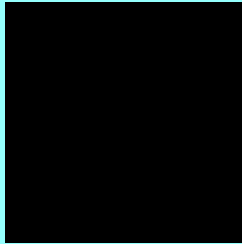
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.908, 194.664

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.908, 194.664.

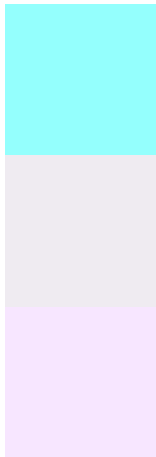


This preview shows how white text looks on a background with the CIELCh color 94, 32.908, 194.664.

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

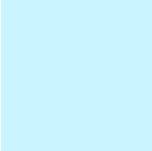
94, 32.562, 195.576

Protanopia

94, 3.423, 314.715

Deuteranopia

93, 14.256, 315.495



Tritanopia
94, 15.370, 220.346

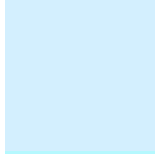
Trichromacy



Original Color
94, 32.562, 195.576



Protanomaly
93, 12.211, 205.991



Deuteranomaly
93, 11.969, 239.432

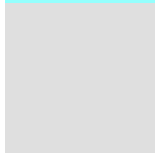


Tritanomaly
94, 21.602, 206.395

Monochromacy



Original Color
94, 32.562, 195.576



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.296, 196.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.908, 194.664 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(148, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 253)  
}
```

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(148, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.908, 194.664 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(148, 255, 253) }
```

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

```
.border{ border-color:rgb(148, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.908, 194.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 253) }
```

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

```
.background{ background-color: rgb(148,  
255, 253) }
```

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