

Converting Colors

CIELCh(94, 32.657, 195.766)

Have a look what the booklet for
CIELCh(94, 32.657, 195.766)
contains.

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Color

CIElCh(94, 32.463, 196.498)

Conversions

Conversions Part 1

Format	Color
Hex	94FFFE
RGB	148, 255, 254
RGB Percent	58%, 100%, 100%
CMY	0.4181, 0.0000, 0.0025
CMYK	0.42, 0.00, 0.00, 0.00
HSL	180°, 100%, 79%
HSV	180°, 42%, 100%
XYZ	66.1109, 85.2715, 107.0544
YIQ	222.8930, -63.4510, -22.9950

Conversions

Conversions Part 2

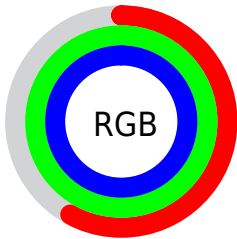
Format	Color
R_{YB}	148, 202, 255
Decimal	9764862
CIE _{Lab}	94.00, -31.13, -9.22
CIE _{LCh}	94, 32.463, 196.498
Yxy	85.2715, 0.2558, 0.3300
Android (android.graphics.Color)	4287954942 (0xFF94FFFE)
YUV	222.8930, 15.3358, -65.6812
Hunter-Lab	92.3426, -33.8058, -4.0962

Details

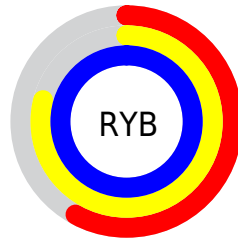
The CIELCh color **94, 32.463, 196.498** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 43.575, 23.252**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **74, 32.455, 196.043** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.995, 196.478**, and if you desaturate by 10%, it is **95, 25.728, 197.281**.

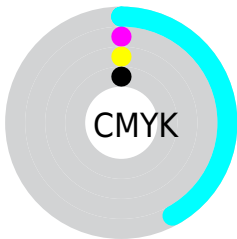
Distribution



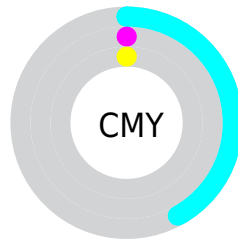
- Red (58%)
- Green (100%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.463, 196.498 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, 32.463, 196.498 by changing the saturation by 10% instead.

 94, 32.463,
196.498

 94, 32.463,
196.498

 100, 32.463,
196.498

 84, 32.463,
196.498

 74, 32.463,
196.498

 64, 32.463,
196.498

 54, 32.463,
196.498

 44, 32.463,
196.498

 34, 32.463,
196.498

 24, 32.463,

196.498

■ 14, 32.463,
196.498

■ 4, 32.463, 196.498

■ 94, 32.463,
196.498

■ 94, 32.463,
196.498

■ 93, 37.995,
196.478

■ 95, 25.728,
197.281

■ 92, 42.601,
196.166

■ 96, 18.306,
197.768

■ 92, 46.094,
195.913

■ 98, 10.216,
198.318

■ 91, 48.475,
195.716

■ 100, 1.603,
199.226

■ 91, 49.823,
195.568

100, 0.012,
296.813

■ 91, 50.332,
195.473

Harmonies

Complementary

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



94, 32.463, 196.498



73, 43.575, 23.252

Rectangle

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



94, 32.463, 196.498



94, 32.463, 246.498



94, 32.463, 16.498



94, 32.463, 66.498

Sweetspot

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



94, 32.336, 196.850



98, 11.208, 198.248



92, 65.828, 140.822



52, 7.794, 198.122



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, 32.336, 196.850



93, 37.046, 196.541



80, 31.252, 260.971



52, 4.948, 198.459



70, 40.536, 195.489



24, 18.639, 195.596

Inverse Universe

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



73, 43.575, 23.252



68, 53.399, 24.832



84, 35.752, 68.444



49, 5.253, 19.469



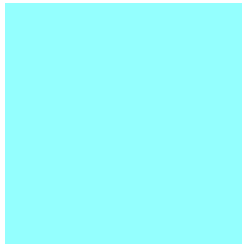
40, 83.958, 39.767



10, 33.318, 26.944

Previews

White Background



This preview shows how the CIE LCh color 94, 32.463, 196.498 looks on a white background.

Color Contrast Check

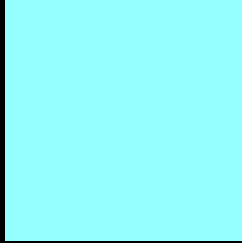
Large Text (above 18pt) WCAG AA × Fail

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, 32.463, 196.498 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, 32.463, 196.498

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.463, 196.498.



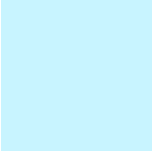
This preview shows how white text looks on a background with the CIELCh color 94, 32.463, 196.498.

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



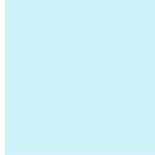


Tritanopia
94, 15.370, 220.346

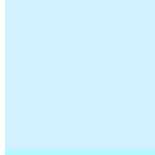
Trichromacy



Original Color
94, 32.463, 196.498



Protanomaly
93, 12.624, 210.515



Deuteranomaly
93, 12.207, 238.437

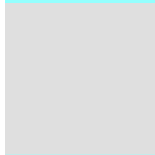


Tritanomaly
94, 21.620, 207.790

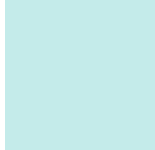
Monochromacy



Original Color
94, 32.463, 196.498



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, 32.463, 196.498 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 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(148, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.463, 196.498 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, 254) }
```

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

```
.border{ border-color:rgb(148, 255, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.463, 196.498 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, 254) }
```

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

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