

Converting Colors

CIELCh(94, 32.661, 190.974)

Have a look what the booklet for
CIELCh(94, 32.661, 190.974)
contains.

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Color

CIElCh(94, 32.296, 191.868)

Conversions

Conversions Part 1

Format	Color
Hex	97FFF9
RGB	151, 255, 249
RGB Percent	59%, 100%, 98%
CMY	0.4062, 0.0000, 0.0219
CMYK	0.41, 0.00, 0.02, 0.00
HSL	177°, 100%, 80%
HSV	177°, 41%, 100%
XYZ	65.8966, 85.2715, 102.9465
YIQ	223.2200, -60.0580, -23.9140

Conversions

Conversions Part 2

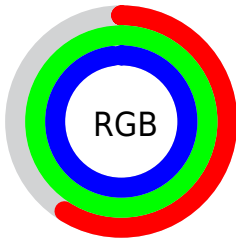
Format	Color
R_{YB}	151, 205, 255
Decimal	9961465
CIE _{Lab}	94.00, -31.61, -6.64
CIE _{LCh}	94, 32.296, 191.868
Yxy	85.2715, 0.2593, 0.3356
Android (android.graphics.Color)	4288151545 (0xFF97FFF9)
YUV	223.2200, 12.7095, -63.3369
Hunter-Lab	92.3426, -34.2200, -1.4586

Details

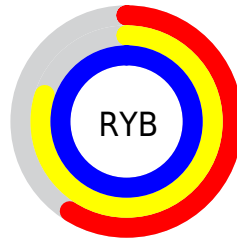
The CIELCh color **94, 32.296, 191.868** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 41.738, 19.480**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **74, 32.172, 192.133** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.160, 191.597**, and if you desaturate by 10%, it is **95, 25.221, 192.891**.

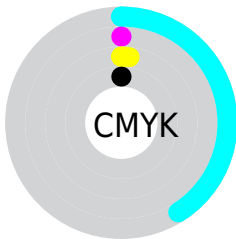
Distribution



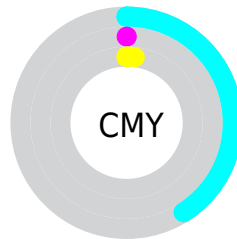
- Red (59%)
- Green (100%)
- Blue (98%)



- Red (59%)
- Yellow (80%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.296, 191.868 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, 32.296, 191.868 by changing the saturation by 10% instead.


 94, 32.296,
191.868

 94, 32.296,
191.868

 100, 32.296,
191.868

 84, 32.296,
191.868

 74, 32.296,
191.868

 64, 32.296,
191.868

 54, 32.296,
191.868

 44, 32.296,
191.868

 34, 32.296,
191.868

 24, 32.296,

191.868

■ 14, 32.296,
191.868

■ 4, 32.296, 191.868

■ 94, 32.296,
191.868

■ 94, 32.296,
191.868

■ 93, 38.160,
191.597

■ 95, 25.221,
192.891

■ 92, 43.165,
190.962

■ 96, 17.551,
193.563

■ 92, 47.077,
190.323

■ 98, 9.279, 194.270

■ 91, 49.877,
189.667

100, 0.551,
196.071

100, 0.012,

■ 91, 51.624,
188.981

296.813

■ 91, 52.500,
188.304

Harmonies

Complementary

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



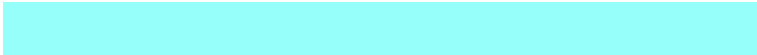
94, 32.296, 191.868



74, 41.738, 19.480

Rectangle

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



94, 32.296, 191.868



94, 32.296, 241.868



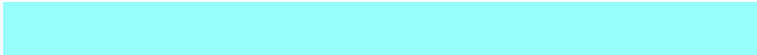
94, 32.296, 11.868



94, 32.296, 61.868

Sweetspot

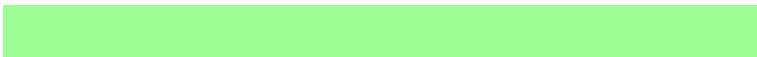
The Sweet Spot groups the original color and five complimentary colors.



94, 32.138, 192.238



98, 10.451, 194.168



92, 63.075, 139.822



52, 6.910, 194.074



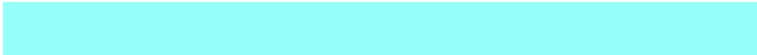
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 32.138, 192.238



93, 37.250, 191.700



82, 28.906, 254.625



52, 4.980, 194.354



70, 42.247, 188.435



24, 19.316, 189.353

Inverse Universe

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



74, 41.738, 19.480



69, 51.455, 21.131



84, 34.227, 63.375



49, 5.260, 15.582



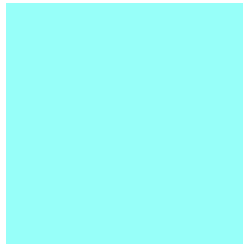
40, 81.973, 37.964



10, 32.934, 25.010

Previews

White Background



This preview shows how the CIE LCh color 94, 32.296, 191.868 looks on a white background.

Color Contrast Check

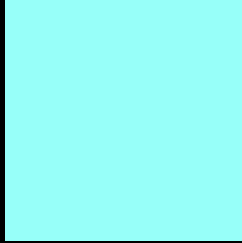
Large Text (above 18pt) WCAG AA × Fail

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, 32.296, 191.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

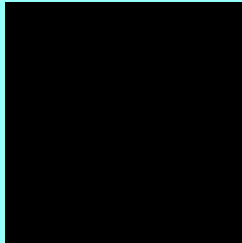
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.296, 191.868

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.296, 191.868.



This preview shows how white text looks on a background with the CIELCh color 94, 32.296, 191.868.

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, 15.083, 220.796

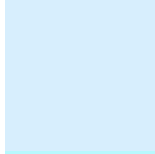
Trichromacy



Original Color
94, 32.296, 191.868



Protanomaly
93, 11.570, 198.702



Deuteranomaly
93, 10.795, 245.070

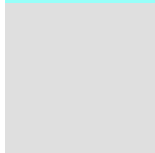


Tritanomaly
94, 21.022, 205.222

Monochromacy



Original Color
94, 32.296, 191.868



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.041, 193.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.296, 191.868 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(151, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 249)  
}
```

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(151, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.296, 191.868 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(151, 255, 249) }
```

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

```
.border{ border-color:rgb(151, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.296, 191.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 249) }
```

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

```
.background{ background-color: rgb(151,  
255, 249) }
```

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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