

Converting Colors

CIELCh(95, 36.011, 185.836)

Have a look what the booklet for
CIELCh(95, 36.011, 185.836)
contains.

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Color

CIELCh(94, 33.944, 189.379)

Conversions

Conversions Part 1

Format	Color
Hex	93FFF7
RGB	147, 255, 247
RGB Percent	58%, 100%, 97%
CMY	0.4226, 0.0000, 0.0305
CMYK	0.42, 0.00, 0.03, 0.00
HSL	176°, 100%, 79%
HSV	176°, 42%, 100%
XYZ	65.0583, 85.2715, 101.2096
YIQ	221.7960, -61.8000, -25.3840

Conversions

Conversions Part 2

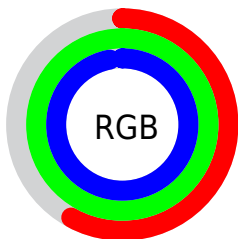
Format	Color
RYB	147, 203, 255
Decimal	9699319
CIELab	94.00, -33.49, -5.53
CIELCh	94, 33.944, 189.379
Yxy	85.2715, 0.2586, 0.3390
Android (android.graphics.Color)	4287889399 (0xFF93FFF7)
YUV	221.7960, 12.4256, -65.5961
Hunter-Lab	92.3426, -35.8405, -0.3434

Details

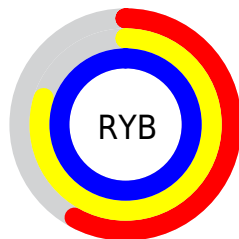
The CIELCh color **94, 33.944, 189.379** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 43.485, 18.410**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **74, 33.526, 190.344** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.430, 189.669**, and if you desaturate by 10%, it is **95, 26.585, 191.124**.

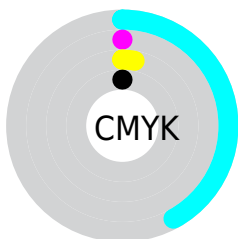
Distribution



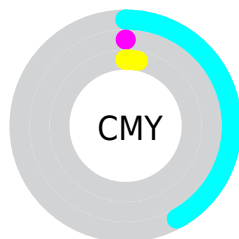
- Red (58%)
- Green (100%)
- Blue (97%)



- Red (58%)
- Yellow (80%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.944, 189.379 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, 33.944, 189.379 by changing the saturation by 10% instead.


 94, 33.944,
189.379


 94, 33.944,
189.379


 100, 33.944,
189.379


 84, 33.944,
189.379

 74, 33.944,
189.379

 64, 33.944,
189.379

 54, 33.944,
189.379

 44, 33.944,
189.379

 34, 33.944,
189.379

 24, 33.944,

189.379

■ 14, 33.944,
189.379

■ 4, 33.944, 189.379

■ 94, 33.944,
189.379

■ 94, 33.944,
189.379

■ 93, 39.430,
189.669

■ 95, 26.585,
191.124

■ 92, 44.380,
188.925

■ 96, 18.952,
191.853

■ 91, 48.237,
188.154

■ 98, 10.711,
192.600

■ 91, 50.989,
187.340

■ 100, 2.009,
193.587

■ 91, 52.707,
186.466

100, 0.012,
296.813

■ 91, 53.491,
185.749

Harmonies

Complementary

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



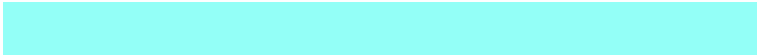
94, 33.944, 189.379



73, 43.485, 18.410

Rectangle

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



94, 33.944, 189.379



94, 33.944, 239.379



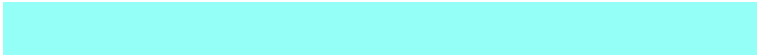
94, 33.944, 9.379



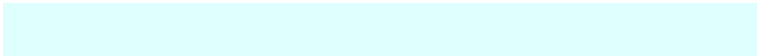
94, 33.944, 59.379

Sweetspot

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



94, 33.458, 190.399



98, 11.342, 192.543



92, 65.175, 139.291



52, 7.895, 192.376



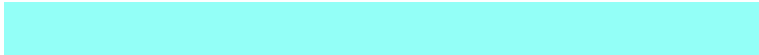
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 33.458, 190.399



93, 38.734, 189.761



82, 29.532, 252.876



52, 4.999, 192.816



70, 43.028, 185.919



24, 19.620, 187.107

Inverse Universe

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



73, 43.485, 18.410



68, 53.547, 20.238



82, 35.716, 61.449



50, 5.269, 14.116



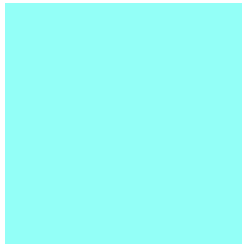
40, 81.238, 37.250



10, 32.799, 24.266

Previews

White Background



This preview shows how the CIE LCh color 94, 33.944, 189.379 looks on a white background.

Color Contrast Check

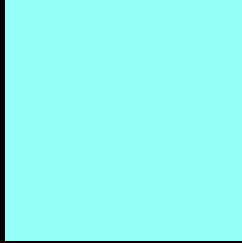
Large Text (above 18pt) WCAG AA × Fail

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, 33.944, 189.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

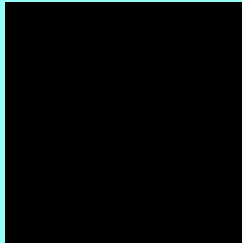
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

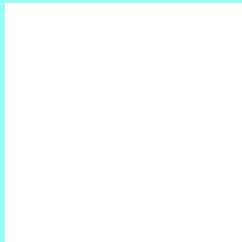
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 33.944, 189.379

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.944, 189.379.

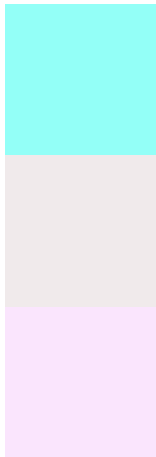


This preview shows how white text looks on a background with the CIELCh color 94, 33.944, 189.379.

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, 33.552, 190.207

Protanopia
93, 2.205, 5.776

Deuteranopia
93, 14.456, 321.438

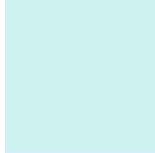


Tritanopia
93, 15.942, 219.496

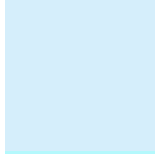
Trichromacy



Original Color
94, 33.552, 190.207



Protanomaly
93, 12.424, 191.449



Deuteranomaly
93, 10.623, 238.345

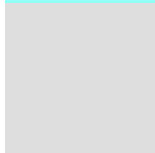


Tritanomaly
93, 21.888, 203.513

Monochromacy



Original Color
94, 33.552, 190.207



Achromatopsia
88, 0.011, 296.813



Achromatomaly
90, 13.462, 191.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.944, 189.379 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(147, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 247)  
}
```

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(147, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.944, 189.379 is called "border". The border property can be set on classes, ids or directly on the HTML element.

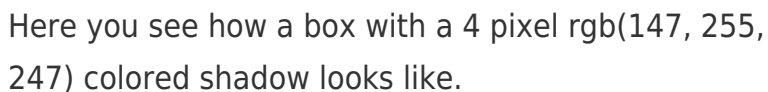
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 255, 247) }
```

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

```
.border{ border-color:rgb(147, 255, 247) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.944, 189.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 247) }
```

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

```
.background{ background-color: rgb(147,  
255, 247) }
```

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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