

Converting Colors

CIELCh(94, 32.253, 189.244)

Have a look what the booklet for
CIELCh(94, 32.253, 189.244)
contains.

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Color

CIELCh(94, 32.074, 189.974)

Conversions

Conversions Part 1

Format	Color
Hex	99FFF7
RGB	153, 255, 247
RGB Percent	60%, 100%, 97%
CMY	0.3987, 0.0000, 0.0301
CMYK	0.40, 0.00, 0.03, 0.00
HSL	175°, 100%, 80%
HSV	175°, 40%, 100%
XYZ	65.9040, 85.2715, 101.2463
YIQ	223.5900, -58.2240, -24.1120

Conversions

Conversions Part 2

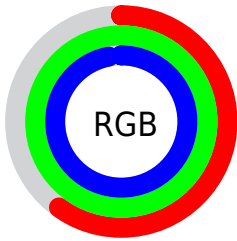
Format	Color
R_{YB}	153, 206, 255
Decimal	10092535
CIE _{Lab}	94.00, -31.59, -5.56
CIE _{LCh}	94, 32.074, 189.974
Yxy	85.2715, 0.2611, 0.3378
Android (android.graphics.Color)	4288282615 (0xFF99FFF7)
YUV	223.5900, 11.5411, -61.9074
Hunter-Lab	92.3426, -34.2059, -0.3670

Details

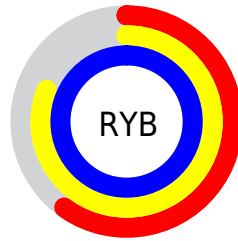
The CIELCh color **94, 32.074, 189.974** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 40.754, 17.725**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **74, 32.060, 190.155** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.162, 189.518**, and if you desaturate by 10%, it is **95, 24.858, 190.998**.

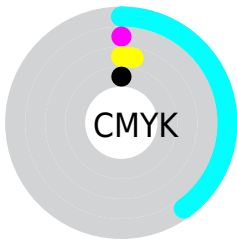
Distribution



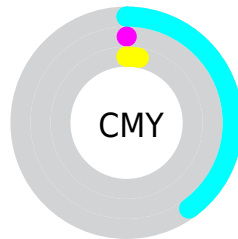
- Red (60%)
- Green (100%)
- Blue (97%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.074, 189.974 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, 32.074, 189.974 by changing the saturation by 10% instead.


 94, 32.074,
189.974


 94, 32.074,
189.974

 100, 32.074,
189.974


 84, 32.074,
189.974

 74, 32.074,
189.974

 64, 32.074,
189.974

 54, 32.074,
189.974

 44, 32.074,
189.974

 34, 32.074,
189.974

 24, 32.074,

189.974

■ 14, 32.074,
189.974

■ 4, 32.074, 189.974

■ 94, 32.074,
189.974

■ 94, 32.074,
189.974

■ 93, 38.162,
189.518

■ 95, 24.858,
190.998

■ 92, 43.387,
188.761

■ 97, 17.052,
191.740

■ 91, 47.532,
187.976

■ 98, 8.678, 192.507

■ 91, 50.570,
187.147

100, 0.012,
296.813

■ 91, 52.549,
186.258

■ 91, 53.669,
185.305

■ 91, 53.681,
185.292

Harmonies

Complementary

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



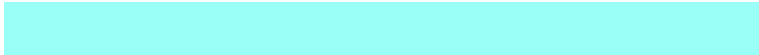
94, 32.074, 189.974



74, 40.754, 17.725

Rectangle

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



94, 32.074, 189.974



94, 32.074, 239.974



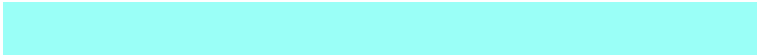
94, 32.074, 9.974



94, 32.074, 59.974

Sweetspot

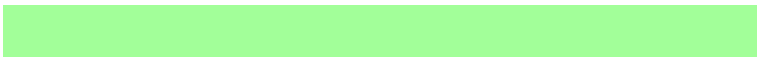
The Sweet Spot groups the original color and five complimentary colors.



94, 31.943, 190.261



98, 10.503, 192.338



92, 61.638, 139.498



52, 6.946, 192.237



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

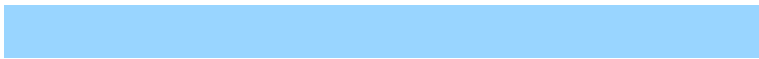
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.943, 190.261



93, 37.071, 189.658



83, 27.997, 252.313



52, 5.003, 192.536



70, 43.178, 185.469



24, 19.678, 186.703

Inverse Universe

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



74, 40.754, 17.725



69, 50.047, 19.317



83, 33.448, 61.687



50, 5.271, 13.848



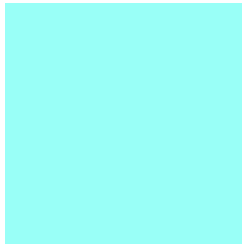
40, 81.095, 37.108



10, 32.774, 24.130

Previews

White Background



This preview shows how the CIE LCh color 94, 32.074, 189.974 looks on a white background.

Color Contrast Check

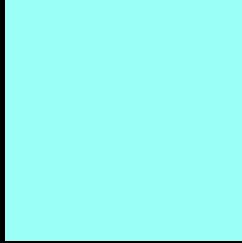
Large Text (above 18pt) WCAG AA × Fail

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, 32.074, 189.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

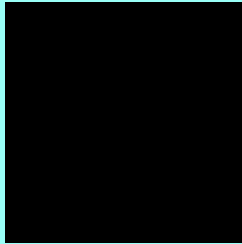
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.074, 189.974

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.074, 189.974.

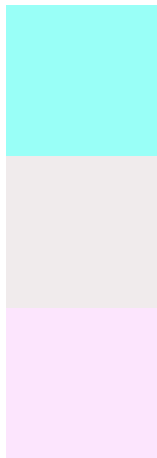


This preview shows how white text looks on a background with the CIELCh color 94, 32.074, 189.974.

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, 32.074, 189.974

Protanopia

93, 1.859, 3.124

Deuteranopia

93, 14.823, 323.804

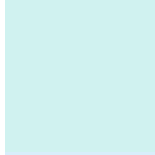


Tritanopia
94, 14.797, 221.264

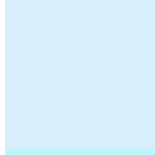
Trichromacy



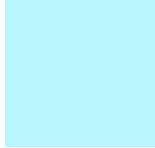
Original Color
94, 32.074, 189.974



Protanomaly
93, 11.683, 193.603



Deuteranomaly
93, 9.884, 241.981

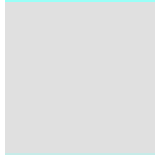


Tritanomaly
94, 20.734, 203.886

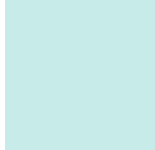
Monochromacy



Original Color
94, 32.074, 189.974



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 12.806, 191.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.074, 189.974 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(153, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.074, 189.974 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(153, 255, 247) }
```

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

```
.border{ border-color:rgb(153, 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(153, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.074, 189.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 247) }
```

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

```
.background{ background-color: rgb(153,  
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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