

Converting Colors

CIELCh(94, 31.889, 191.067)

Have a look what the booklet for
CIELCh(94, 31.889, 191.067)
contains.

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Color

CIElCh(94, 31.933, 190.890)

Conversions

Conversions Part 1

Format	Color
Hex	99FFF8
RGB	153, 255, 248
RGB Percent	60%, 100%, 97%
CMY	0.3990, 0.0000, 0.0265
CMYK	0.40, 0.00, 0.03, 0.00
HSL	176°, 100%, 80%
HSV	176°, 40%, 100%
XYZ	66.0074, 85.2715, 101.9913
YIQ	223.7040, -58.5450, -23.8010

Conversions

Conversions Part 2

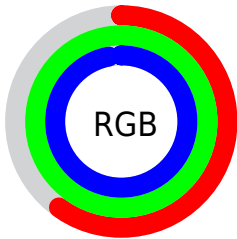
Format	Color
RYB	153, 206, 255
Decimal	10092536
CIELab	94.00, -31.36, -6.03
CIElCh	94, 31.933, 190.890
Yxy	85.2715, 0.2606, 0.3367
Android (android.graphics.Color)	4288282616 (0xFF99FF8)
YUV	223.7040, 11.9779, -62.0074
Hunter-Lab	92.3426, -34.0060, -0.8453

Details

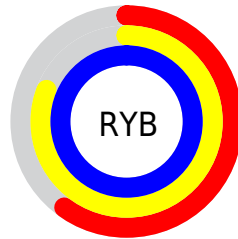
The CIELCh color **94, 31.933, 190.890** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 40.838, 18.421**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **74, 31.898, 191.122** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.995, 190.413**, and if you desaturate by 10%, it is **95, 24.798, 191.817**.

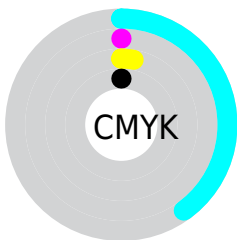
Distribution



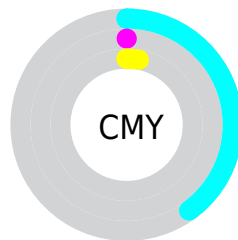
- Red (60%)
- Green (100%)
- Blue (97%)



- 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, 31.933, 190.890 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, 31.933, 190.890 by changing the saturation by 10% instead.


 94, 31.933,
190.890


 94, 31.933,
190.890

 100, 31.933,
190.890


 84, 31.933,
190.890

 74, 31.933,
190.890

 64, 31.933,
190.890

 54, 31.933,
190.890

 44, 31.933,
190.890

 34, 31.933,
190.890

 24, 31.933,

190.890

■ 14, 31.933,
190.890

■ 4, 31.933, 190.890

■ 94, 31.933,
190.890

■ 94, 31.933,
190.890

■ 93, 37.995,
190.413

■ 95, 24.798,
191.817

■ 92, 43.157,
189.706

■ 97, 17.031,
192.531

■ 91, 47.233,
188.981

■ 98, 8.687, 193.274

100, 0.012,

■ 91, 50.200,
188.225

296.813

■ 91, 52.107,
187.420

■ 91, 53.156,
186.563

■ 91, 53.165,
186.554

Harmonies

Complementary

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



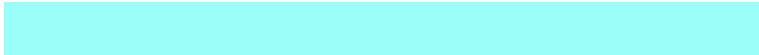
94, 31.933, 190.890



74, 40.838, 18.421

Rectangle

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



94, 31.933, 190.890



94, 31.933, 240.890



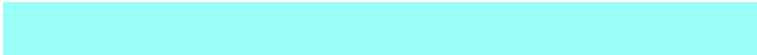
94, 31.933, 10.890



94, 31.933, 60.890

Sweetspot

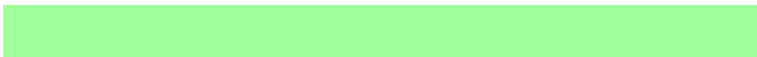
The Sweet Spot groups the original color and five complimentary colors.



94, 31.834, 191.114



98, 10.479, 193.113



92, 62.001, 139.886



52, 6.930, 193.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

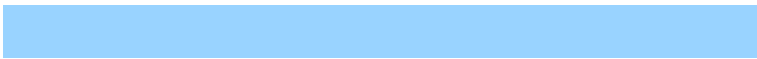
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.834, 191.114



93, 36.898, 190.546



82, 28.430, 254.455



52, 4.993, 193.305



70, 42.771, 186.712



24, 19.520, 187.816

Inverse Universe

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



74, 40.838, 18.421



69, 50.143, 19.997



84, 33.548, 63.451



50, 5.265, 14.583



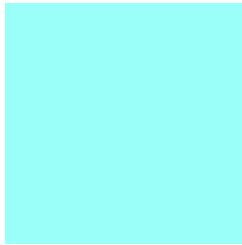
40, 81.481, 37.489



10, 32.841, 24.504

Previews

White Background



This preview shows how the CIE LCh color 94, 31.933, 190.890 looks on a white background.

Color Contrast Check

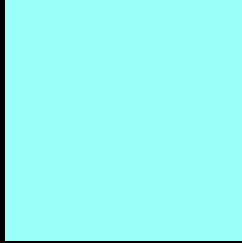
Large Text (above 18pt) WCAG AA × Fail

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, 31.933, 190.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

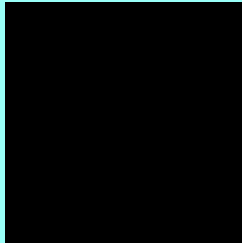
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 31.933, 190.890

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.933, 190.890.



This preview shows how white text looks on a background with the CIELCh color 94, 31.933, 190.890.

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



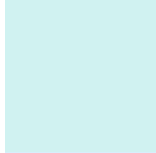


Tritanopia
94, 14.797, 221.264

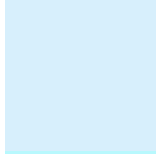
Trichromacy



Original Color
94, 31.933, 190.890



Protanomaly
93, 11.616, 196.140

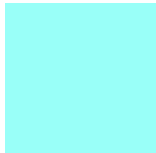


Deuteranomaly
93, 10.366, 239.490

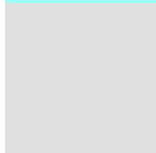


Tritanomaly
94, 20.733, 205.338

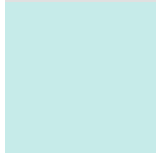
Monochromacy



Original Color
94, 31.933, 190.890



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 12.717, 193.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.933, 190.890 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.933, 190.890 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, 248) }
```

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

```
.border{ border-color:rgb(153, 255, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.933, 190.890 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, 248) }
```

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

```
.background{ background-color: rgb(153,  
255, 248) }
```

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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