

Converting Colors

CIELCh(94, 33.037, 190.940)

Have a look what the booklet for
CIELCh(94, 33.037, 190.940)
contains.

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Color

CIElCh(94, 32.787, 191.920)

Conversions

Conversions Part 1

Format	Color
Hex	96FFFA
RGB	150, 255, 250
RGB Percent	59%, 100%, 98%
CMY	0.4131, 0.0000, 0.0210
CMYK	0.41, 0.00, 0.02, 0.00
HSL	177°, 100%, 79%
HSV	177°, 41%, 100%
XYZ	65.6850, 85.2715, 103.1513
YIQ	223.0350, -60.9750, -23.8150

Conversions

Conversions Part 2

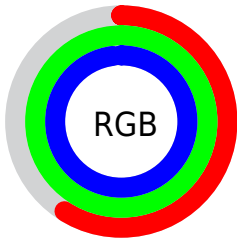
Format	Color
R_{YB}	150, 204, 255
Decimal	9895930
CIE _{Lab}	94.00, -32.08, -6.77
CIE _{LCh}	94, 32.787, 191.920
Yxy	85.2715, 0.2585, 0.3356
Android (android.graphics.Color)	4288086010 (0xFF96FFFA)
YUV	223.0350, 13.2937, -64.0517
Hunter-Lab	92.3426, -34.6292, -1.5901

Details

The CIELCh color **94, 32.787, 191.920** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 42.553, 19.838**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **74, 32.443, 193.126** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.478, 191.870**, and if you desaturate by 10%, it is **95, 25.696, 193.133**.

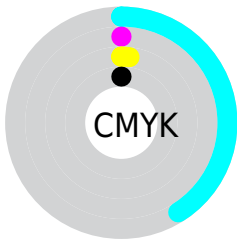
Distribution



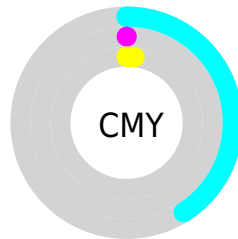
- Red (59%)
- Green (100%)
- Blue (98%)



- 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, 32.787, 191.920 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, 32.787, 191.920 by changing the saturation by 10% instead.


 94, 32.787,
191.920


 94, 32.787,
191.920

 100, 32.787,
191.920


 84, 32.787,
191.920

 74, 32.787,
191.920

 64, 32.787,
191.920

 54, 32.787,
191.920

 44, 32.787,
191.920

 34, 32.787,
191.920

 24, 32.787,

191.920

■ 14, 32.787,
191.920

■ 4, 32.787, 191.920

■ 94, 32.787,
191.920

■ 94, 32.787,
191.920

■ 93, 38.478,
191.870

■ 95, 25.696,
193.133

■ 92, 43.391,
191.254

■ 96, 18.086,
193.793

■ 91, 47.205,
190.637

■ 98, 9.860, 194.487

■ 91, 49.908,
190.007

■ 100, 1.164,
195.659

■ 100, 0.012,

■ 91, 51.565,
189.351

296.813

■ 91, 52.338,
188.754

Harmonies

Complementary

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



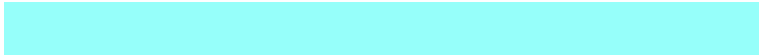
94, 32.787, 191.920



73, 42.553, 19.838

Rectangle

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



94, 32.787, 191.920



94, 32.787, 241.920



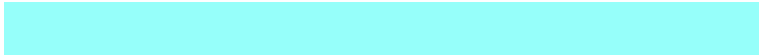
94, 32.787, 11.920



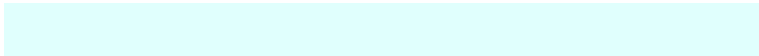
94, 32.787, 61.920

Sweetspot

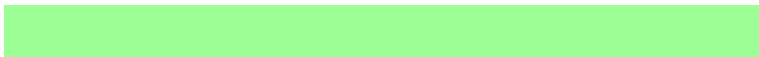
The Sweet Spot groups the original color and five complimentary colors.



94, 32.541, 192.494



98, 10.445, 194.437



92, 64.102, 139.760



52, 6.906, 194.343



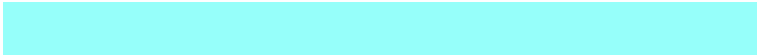
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 32.541, 192.494



93, 37.757, 191.951



82, 29.361, 254.790



52, 4.977, 194.620



70, 42.120, 188.878



24, 19.266, 189.747

Inverse Universe

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



73, 42.553, 19.838



68, 52.669, 21.583



83, 34.879, 63.301



49, 5.258, 15.836



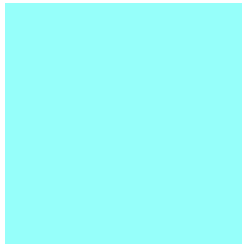
40, 82.091, 38.077



10, 32.958, 25.138

Previews

White Background



This preview shows how the CIE LCh color 94, 32.787, 191.920 looks on a white background.

Color Contrast Check

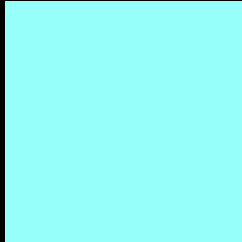
Large Text (above 18pt) WCAG AA × Fail

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, 32.787, 191.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

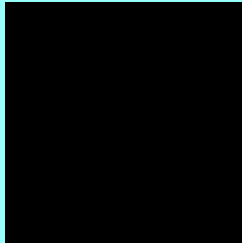
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.787, 191.920

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.787, 191.920.

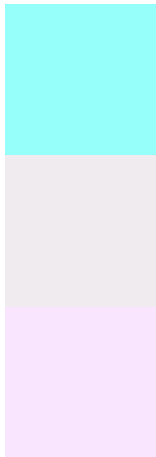


This preview shows how white text looks on a background with the CIELCh color 94, 32.787, 191.920.

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, 32.414, 192.806

Protanopia
93, 2.117, 332.274

Deuteranopia
93, 15.347, 319.482



Tritanopia
94, 15.370, 220.346

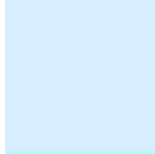
Trichromacy



Original Color
94, 32.414, 192.806



Protanomaly
93, 11.896, 198.679



Deuteranomaly
93, 11.024, 243.844

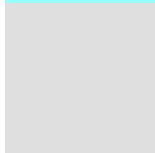


Tritanomaly
94, 21.309, 205.109

Monochromacy



Original Color
94, 32.414, 192.806



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.365, 194.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.787, 191.920 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(150, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 250)  
}
```

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(150, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.787, 191.920 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(150, 255, 250) }
```

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

```
.border{ border-color:rgb(150, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.787, 191.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 250) }
```

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

```
.background{ background-color: rgb(150,  
255, 250) }
```

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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