

Converting Colors

CIELCh(94, 31.737, 183.280)

Have a look what the booklet for
CIELCh(94, 31.737, 183.280)
contains.

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Color

CIElCh(94, 31.738, 183.247)

Conversions

Conversions Part 1

Format	Color
Hex	9FFFF0
RGB	159, 255, 240
RGB Percent	62%, 100%, 94%
CMY	0.3760, 0.0000, 0.0584
CMYK	0.38, 0.00, 0.06, 0.00
HSL	171°, 100%, 81%
HSV	171°, 38%, 100%
XYZ	65.8603, 85.2715, 95.5115
YIQ	224.5860, -52.4010, -25.0170

Conversions

Conversions Part 2

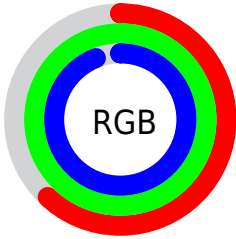
Format	Color
R_{YB}	159, 211, 255
Decimal	10485744
CIE _{Lab}	94.00, -31.69, -1.80
CIE _{LCh}	94, 31.738, 183.247
Yxy	85.2715, 0.2670, 0.3457
Android (android.graphics.Color)	4288675824 (0xFF9FFF0)
YUV	224.5860, 7.5991, -57.5189
Hunter-Lab	92.3426, -34.2903, 3.3152

Details

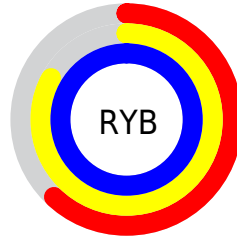
The CIELCh color **94, 31.738, 183.247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 38.129, 11.250**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **74, 31.830, 183.131** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.644, 182.312**, and if you desaturate by 10%, it is **95, 23.970, 184.302**.

Distribution



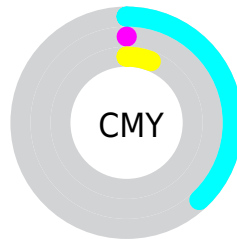
- Red (62%)
- Green (100%)
- Blue (94%)



- Red (62%)
- Yellow (83%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 31.738, 183.247 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, 31.738, 183.247 by changing the saturation by 10% instead.


 94, 31.738,
183.247

 94, 31.738,
183.247


 100, 31.738,
183.247


 84, 31.738,
183.247

 74, 31.738,
183.247

 64, 31.738,
183.247

 54, 31.738,
183.247

 44, 31.738,
183.247

 34, 31.738,
183.247

 24, 31.738,

183.247

■ 14, 31.738,
183.247

■ 4, 31.738, 183.247

■ 94, 31.738,
183.247

■ 94, 31.738,
183.247

■ 93, 38.644,
182.312

■ 95, 23.970,
184.302

■ 92, 44.698,
181.215

■ 97, 15.649,
185.231

■ 91, 49.736,
180.023

■ 99, 6.878, 186.162

■ 91, 53.702,
178.714

100, 0.012,
296.813

■ 90, 56.612,
177.265

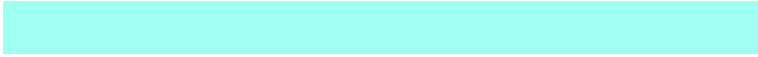
■ 90, 58.590,
175.671

■ 90, 58.996,
175.281

Harmonies

Complementary

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



94, 31.738, 183.247



76, 38.129, 11.250

Rectangle

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



94, 31.738, 183.247



94, 31.738, 233.247



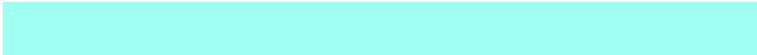
94, 31.738, 3.247



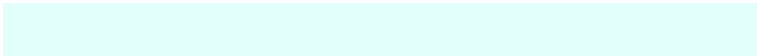
94, 31.738, 53.247

Sweetspot

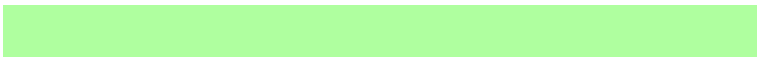
The Sweet Spot groups the original color and five complimentary colors.



94, 31.687, 183.335



98, 9.899, 185.839



93, 56.750, 137.599



52, 6.636, 185.713



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

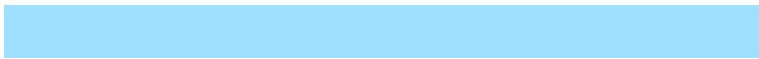
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.687, 183.335



93, 36.915, 182.585



86, 25.210, 240.487



52, 5.129, 185.979



69, 47.359, 175.585



23, 21.296, 177.739

Inverse Universe

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



76, 38.129, 11.250



71, 46.253, 12.648



82, 31.412, 52.962



50, 5.354, 7.520



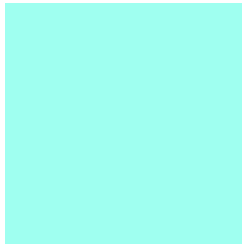
40, 77.207, 32.738



10, 32.248, 20.795

Previews

White Background



This preview shows how the CIE LCh color 94, 31.738, 183.247 looks on a white background.

Color Contrast Check

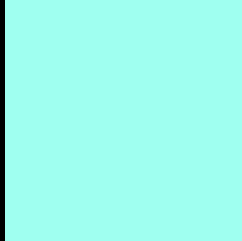
Large Text (above 18pt) WCAG AA × Fail

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, 31.738, 183.247 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

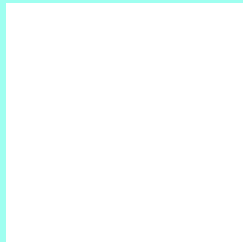
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 31.738, 183.247

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.738, 183.247.

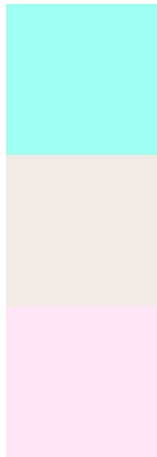


This preview shows how white text looks on a background with the CIELCh color 94, 31.738, 183.247.

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

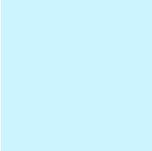
94, 31.738, 183.247

Protanopia

93, 3.961, 70.400

Deuteranopia

93, 12.403, 338.655



Tritanopia
94, 14.224, 222.260

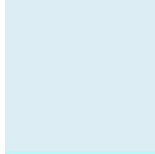
Trichromacy



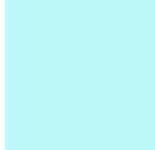
Original Color
94, 31.738, 183.247



Protanomaly
93, 11.492, 174.846



Deuteranomaly
93, 6.661, 221.957

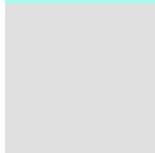


Tritanomaly
94, 19.592, 201.233

Monochromacy



Original Color
94, 31.738, 183.247



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.539, 184.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.738, 183.247 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(159, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 240)  
}
```

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(159, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.738, 183.247 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(159, 255, 240) }
```

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

```
.border{ border-color:rgb(159, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.738, 183.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 240) }
```

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

```
.background{ background-color: rgb(159,  
255, 240) }
```

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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