

Converting Colors

CIELCh(94, 31.114, 187.679)

Have a look what the booklet for
CIELCh(94, 31.114, 187.679)
contains.

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Color

CIElCh(94, 31.108, 187.871)

Conversions

Conversions Part 1

Format	Color
Hex	9EFFF5
RGB	158, 255, 245
RGB Percent	62%, 100%, 96%
CMY	0.3809, 0.0005, 0.0397
CMYK	0.38, 0.00, 0.04, 0.00
HSL	174°, 100%, 81%
HSV	174°, 38%, 100%
XYZ	66.2505, 85.2715, 99.2443
YIQ	224.8570, -54.6020, -23.6740

Conversions

Conversions Part 2

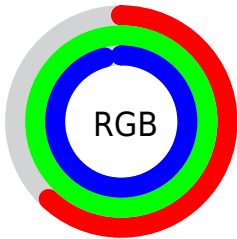
Format	Color
R_{YB}	158, 209, 255
Decimal	10420213
CIE _{Lab}	94.00, -30.81, -4.26
CIE _{LCh}	94, 31.108, 187.871
Yxy	85.2715, 0.2642, 0.3400
Android (android.graphics.Color)	4288610293 (0xFF9EFFF5)
YUV	224.8570, 9.9305, -58.6336
Hunter-Lab	92.3426, -33.5360, 0.9184

Details

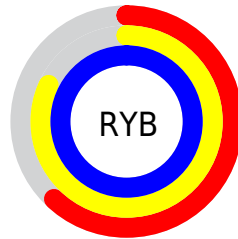
The CIELCh color **94, 31.108, 187.871** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 38.611, 15.308**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **74, 31.063, 187.974** is the 20% darker color. If you saturate the color by 10%, you get **93, 37.663, 187.015**, and if you desaturate by 10%, it is **95, 23.739, 188.698**.

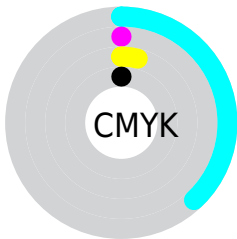
Distribution



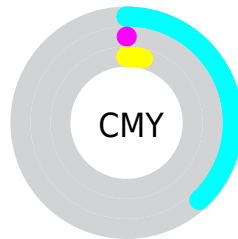
- Red (62%)
- Green (100%)
- Blue (96%)



- Red (62%)
- Yellow (82%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 31.108, 187.871 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, 31.108, 187.871 by changing the saturation by 10% instead.


 94, 31.108,
187.871


 94, 31.108,
187.871


 100, 31.108,
187.871


 84, 31.108,
187.871

 74, 31.108,
187.871

 64, 31.108,
187.871

 54, 31.108,
187.871

 44, 31.108,
187.871

 34, 31.108,
187.871

 24, 31.108,

187.871

■ 14, 31.108,
187.871

■ 4, 31.108, 187.871

■ 94, 31.108,
187.871

■ 94, 31.108,
187.871

■ 93, 37.663,
187.015

■ 95, 23.739,
188.698

■ 92, 43.265,
186.125

■ 97, 15.705,
189.516

■ 91, 47.817,
185.182

■ 98, 7.159, 190.356

■ 91, 51.271,
184.168

100, 0.093,
321.121

■ 91, 53.657,
183.062

■ 90, 55.113,
181.856

■ 90, 55.346,
181.618

Harmonies

Complementary

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



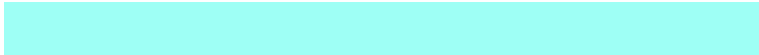
94, 31.108, 187.871



75, 38.611, 15.308

Rectangle

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



94, 31.108, 187.871



94, 31.108, 237.871



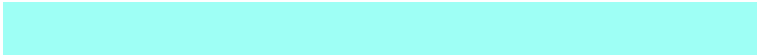
94, 31.108, 7.871



94, 31.108, 57.871

Sweetspot

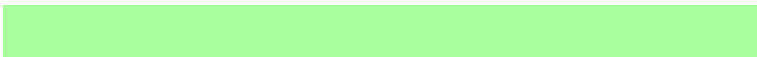
The Sweet Spot groups the original color and five complimentary colors.



94, 31.109, 187.869



98, 9.721, 190.100



93, 58.296, 138.841



52, 6.514, 189.986



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

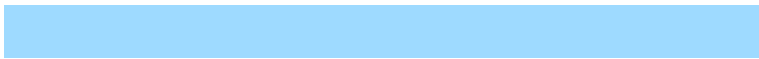
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.109, 187.869



93, 36.403, 187.193



84, 26.154, 247.496



52, 5.039, 190.228



70, 44.505, 181.845



23, 20.193, 183.443

Inverse Universe

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



75, 38.611, 15.308



71, 47.544, 16.815



83, 31.678, 58.291



50, 5.292, 11.634



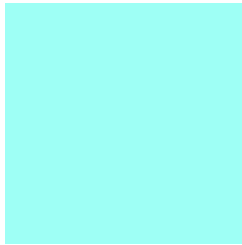
40, 79.828, 35.795



10, 32.580, 22.986

Previews

White Background



This preview shows how the CIE LCh color 94, 31.108, 187.871 looks on a white background.

Color Contrast Check

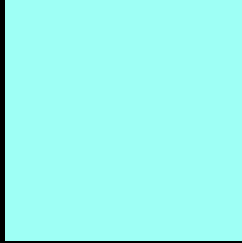
Large Text (above 18pt) WCAG AA × Fail

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, 31.108, 187.871 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

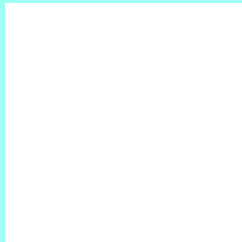
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 31.108, 187.871

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.108, 187.871.

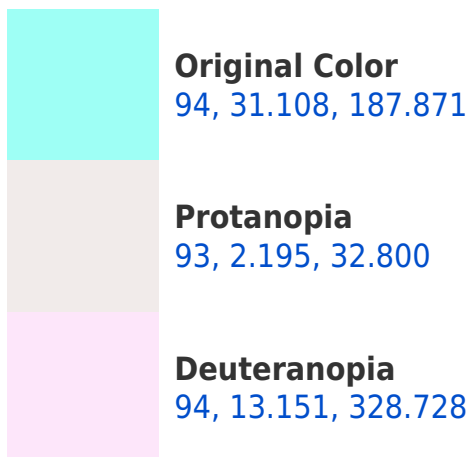


This preview shows how white text looks on a background with the CIELCh color 94, 31.108, 187.871.

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, 14.224, 222.260

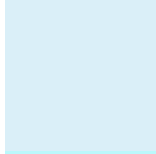
Trichromacy



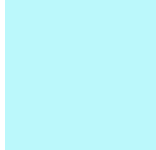
Original Color
94, 31.108, 187.871



Protanomaly
93, 10.906, 187.806

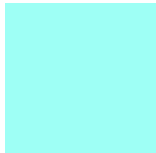


Deuteranomaly
93, 8.431, 232.576

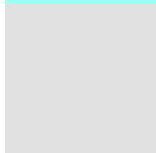


Tritanomaly
94, 19.867, 202.680

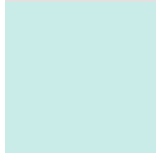
Monochromacy



Original Color
94, 31.108, 187.871



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.257, 188.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.108, 187.871 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(158, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 245)  
}
```

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(158, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.108, 187.871 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(158, 255, 245) }
```

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

```
.border{ border-color:rgb(158, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(158, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.108, 187.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 245) }
```

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

```
.background{ background-color: rgb(158,  
255, 245) }
```

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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