

Converting Colors

CIELCh(94, 32.044, 176.798)

Have a look what the booklet for
CIELCh(94, 32.044, 176.798)
contains.

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Color

CIElCh(94, 31.974, 176.566)

Conversions

Conversions Part 1

Format	Color
Hex	A4FFE9
RGB	164, 255, 233
RGB Percent	64%, 100%, 91%
CMY	0.3570, 0.0001, 0.0864
CMYK	0.36, 0.00, 0.09, 0.00
HSL	165°, 100%, 82%
HSV	165°, 36%, 100%
XYZ	65.7578, 85.2715, 90.0617
YIQ	225.2830, -47.1740, -26.1340

Conversions

Conversions Part 2

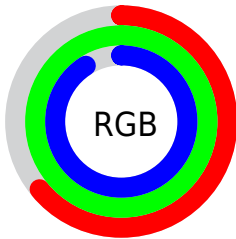
Format	Color
RYB	164, 216, 255
Decimal	10813417
CIELab	94.00, -31.92, 1.92
CIELCh	94, 31.974, 176.566
Yxy	85.2715, 0.2728, 0.3537
Android (android.graphics.Color)	4289003497 (0xFFA4FFE9)
YUV	225.2830, 3.8045, -53.7452
Hunter-Lab	92.3426, -34.4884, 6.8143

Details

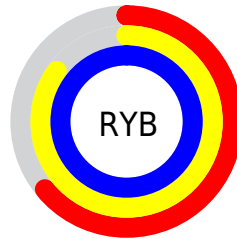
The CIELCh color **94, 31.974, 176.566** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 36.525, 4.411**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **74, 32.107, 176.147** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.765, 175.377**, and if you desaturate by 10%, it is **95, 23.537, 177.660**.

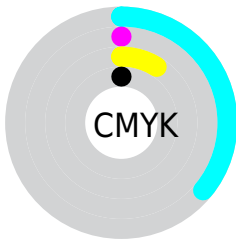
Distribution



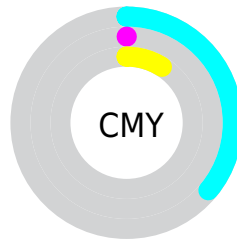
- Red (64%)
- Green (100%)
- Blue (91%)



- Red (64%)
- Yellow (85%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 31.974, 176.566 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, 31.974, 176.566 by changing the saturation by 10% instead.


 94, 31.974,
176.566


 94, 31.974,
176.566

 100, 31.974,
176.566

 84, 31.974,
176.566

 74, 31.974,
176.566

 64, 31.974,
176.566

 54, 31.974,
176.566

 44, 31.974,
176.566

 34, 31.974,
176.566

 24, 31.974,

176.566

■ 14, 31.974,
176.566

■ 4, 31.974, 176.566

■ 94, 31.974,
176.566

■ 94, 31.974,
176.566

■ 93, 39.765,
175.377

■ 95, 23.537,
177.660

■ 92, 46.750,
174.076

■ 97, 14.614,
178.689

■ 91, 52.798,
172.636

■ 99, 5.358, 179.711

■ 90, 57.824,
171.033

100, 0.027,
312.782

■ 90, 61.817,
169.245

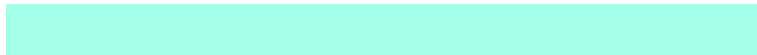
■ 90, 64.861,
167.267

■ 90, 65.988,
166.387

Harmonies

Complementary

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



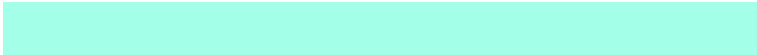
94, 31.974, 176.566



77, 36.525, 4.411

Rectangle

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



94, 31.974, 176.566



94, 31.974, 226.566



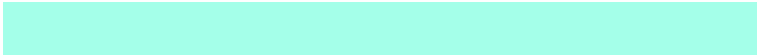
94, 31.974, 356.566



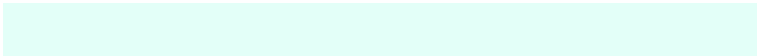
94, 31.974, 46.566

Sweetspot

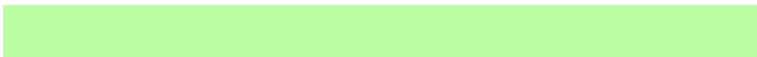
The Sweet Spot groups the original color and five complimentary colors.



94, 31.975, 176.564



98, 10.306, 179.160



94, 52.543, 135.436



52, 6.914, 179.024



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

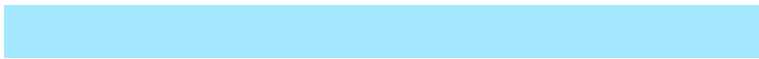
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 31.975, 176.564



93, 37.745, 175.706



88, 23.822, 228.332



52, 5.335, 179.311



69, 52.867, 166.769



23, 23.430, 169.527

Inverse Universe

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



77, 36.525, 4.411



73, 44.394, 5.706



81, 30.392, 44.300



50, 5.517, 0.971



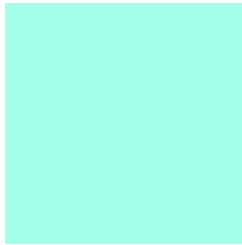
40, 72.984, 26.305



10, 31.745, 16.474

Previews

White Background



This preview shows how the CIE LCh color 94, 31.974, 176.566 looks on a white background.

Color Contrast Check

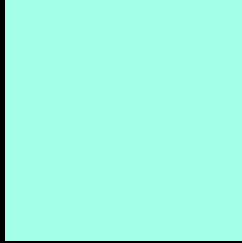
Large Text (above 18pt) WCAG AA × Fail

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, 31.974, 176.566 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

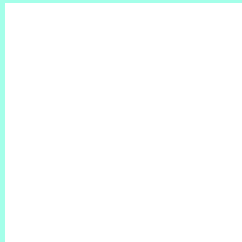
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 31.974, 176.566

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.974, 176.566.

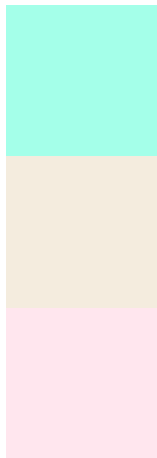


This preview shows how white text looks on a background with the CIELCh color 94, 31.974, 176.566.

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, 31.974, 176.566

Protanopia
94, 7.738, 87.448

Deuteranopia
93, 9.876, 355.472

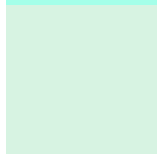


Tritanopia
94, 13.938, 222.789

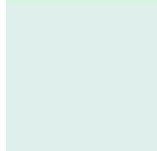
Trichromacy



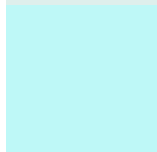
Original Color
94, 31.974, 176.566



Protanomaly
93, 13.295, 157.435



Deuteranomaly
93, 6.161, 184.537



Tritanomaly
94, 19.132, 196.660

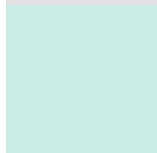
Monochromacy



Original Color
94, 31.974, 176.566



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.265, 178.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.974, 176.566 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(164, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 233)  
}
```

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(164, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.974, 176.566 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(164, 255, 233) }
```

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

```
.border{ border-color:rgb(164, 255, 233) }
```

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

Here you see how a box with a 4 pixel rgb(164, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.974, 176.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 233) }
```

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

```
.background{ background-color: rgb(164,  
255, 233) }
```

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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