

Converting Colors

CIELCh(94, 30.173, 176.565)

Have a look what the booklet for
CIELCh(94, 30.173, 176.565)
contains.

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Color

CIELCh(94, 30.162, 176.417)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEE9
RGB	169, 254, 233
RGB Percent	66%, 100%, 91%
CMY	0.3369, 0.0036, 0.0859
CMYK	0.33, 0.00, 0.08, 0.00
HSL	165°, 98%, 83%
HSV	165°, 33%, 100%
XYZ	66.5702, 85.2715, 90.1053
YIQ	226.1910, -43.9190, -24.5510

Conversions

Conversions Part 2

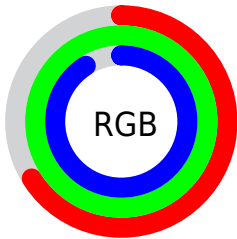
Format	Color
R_{YB}	169, 217, 254
Decimal	11140841
CIE _{Lab}	94.00, -30.10, 1.88
CIE _{LCh}	94, 30.162, 176.417
Yxy	85.2715, 0.2751, 0.3524
Android (android.graphics.Color)	4289330921 (0xFFA9FEE9)
YUV	226.1910, 3.3568, -50.1565
Hunter-Lab	92.3426, -32.9181, 6.7863

Details

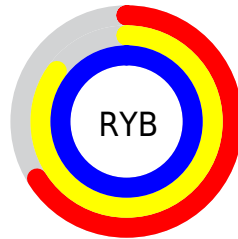
The CIELCh color **94, 30.162, 176.417** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.072, 3.658**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **74, 30.365, 176.112** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.134, 175.243**, and if you desaturate by 10%, it is **95, 21.588, 177.499**.

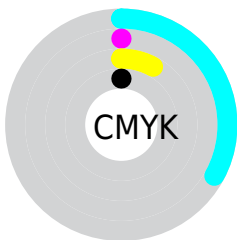
Distribution



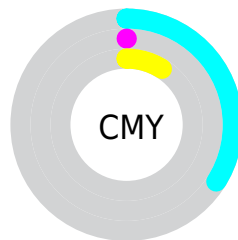
- Red (66%)
- Green (100%)
- Blue (91%)



- Red (66%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 30.162, 176.417 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, 30.162, 176.417 by changing the saturation by 10% instead.


 94, 30.162,
176.417


 94, 30.162,
176.417

 100, 30.162,
176.417


 84, 30.162,
176.417

 74, 30.162,
176.417

 64, 30.162,
176.417

 54, 30.162,
176.417

 44, 30.162,
176.417

 34, 30.162,
176.417

 24, 30.162,

176.417

■ 14, 30.162,
176.417

■ 4, 30.162, 176.417

■ 94, 30.162,
176.417

■ 94, 30.162,
176.417

■ 93, 38.134,
175.243

■ 95, 21.588,
177.499

■ 92, 45.340,
173.961

■ 97, 12.569,
178.521

■ 91, 51.642,
172.544

■ 99, 3.256, 179.597

■ 90, 56.942,
170.966

100, 0.573,
323.922

■ 90, 61.208,
169.205

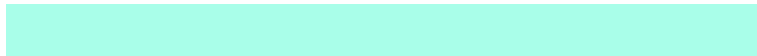
■ 89, 64.502,
167.253

■ 89, 66.270,
165.904

Harmonies

Complementary

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



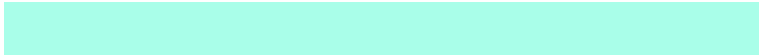
94, 30.162, 176.417



78, 34.072, 3.658

Rectangle

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



94, 30.162, 176.417



94, 30.162, 226.417



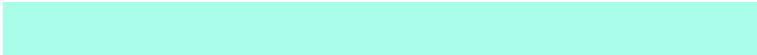
94, 30.162, 356.417



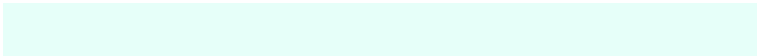
94, 30.162, 46.417

Sweetspot

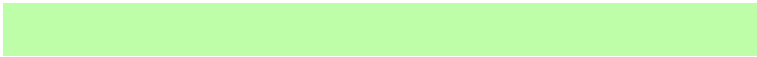
The Sweet Spot groups the original color and five complimentary colors.



94, 30.163, 176.415



98, 9.406, 178.868



94, 49.162, 135.572



52, 6.407, 178.726



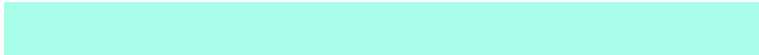
0, 0.000, 0.000



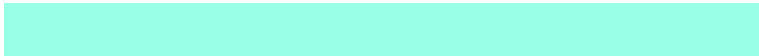
53, 0.007, 296.813

Same Dimension

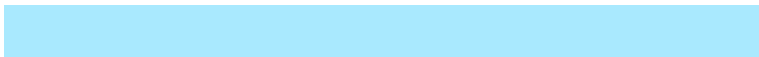
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 30.163, 176.415



93, 35.561, 175.658



89, 22.455, 228.055



52, 5.350, 178.918



69, 53.230, 166.285



23, 23.571, 169.070

Inverse Universe

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



78, 34.072, 3.658



74, 41.214, 4.755



82, 28.146, 44.324



50, 5.529, 0.582



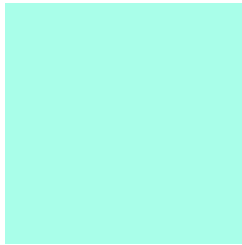
40, 72.750, 25.865



10, 31.715, 16.162

Previews

White Background



This preview shows how the CIE LCh color 94, 30.162, 176.417 looks on a white background.

Color Contrast Check

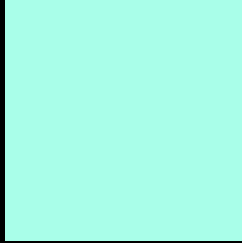
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 30.162, 176.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

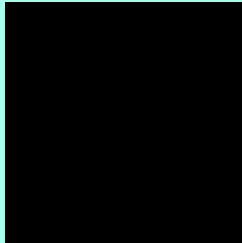
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 30.162, 176.417

Background



This preview shows how black text looks on a background with the CIELCh color 94, 30.162, 176.417.

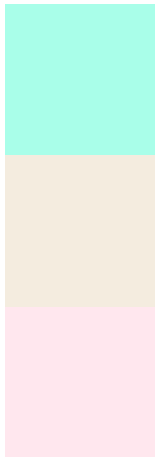


This preview shows how white text looks on a background with the CIELCh color 94, 30.162, 176.417.

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, 30.162, 176.417

Protanopia
94, 7.262, 85.992

Deuteranopia
94, 9.339, 357.385

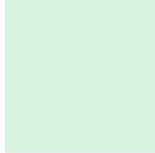


Tritanopia
94, 13.366, 223.919

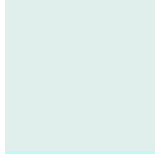
Trichromacy



Original Color
94, 30.162, 176.417



Protanomaly
94, 12.418, 157.133



Deuteranomaly
93, 5.496, 182.798

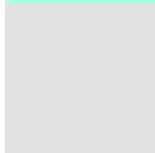


Tritanomaly
94, 18.219, 196.642

Monochromacy



Original Color
94, 30.162, 176.417



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.433, 180.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 30.162, 176.417 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(169, 254, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 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(169, 254, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 30.162, 176.417 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(169, 254, 233) }
```

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

```
.border{ border-color:rgb(169, 254, 233) }
```

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

Here you see how a box with a 4 pixel rgb(169, 254, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 254, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 254, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 254,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 30.162, 176.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 254, 233) }
```

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

```
.background{ background-color: rgb(169,  
254, 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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