

Converting Colors

CIELCh(95, 30.184, 187.439)

Have a look what the booklet for
CIELCh(95, 30.184, 187.439)
contains.

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Color

CIElCh(94, 29.235, 189.434)

Conversions

Conversions Part 1

Format	Color
Hex	A3FEF6
RGB	163, 254, 246
RGB Percent	64%, 100%, 96%
CMY	0.3610, 0.0042, 0.0355
CMYK	0.36, 0.00, 0.03, 0.00
HSL	175°, 98%, 82%
HSV	175°, 36%, 100%
XYZ	67.1400, 85.2715, 100.0633
YIQ	225.8790, -51.6680, -21.7800

Conversions

Conversions Part 2

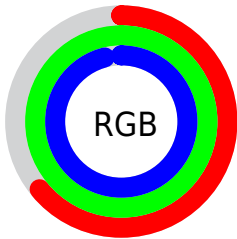
Format	Color
R _Y B	163, 211, 254
Decimal	10747638
CIE Lab	94.00, -28.84, -4.79
CIE LCh	94, 29.235, 189.434
Yxy	85.2715, 0.2659, 0.3377
Android (android.graphics.Color)	4288937718 (0xFFA3FEF6)
YUV	225.8790, 9.9197, -55.1449
Hunter-Lab	92.3426, -31.8165, 0.3926

Details

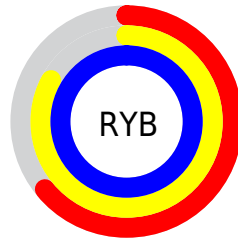
The CIELCh color **94, 29.235, 189.434** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 36.057, 16.100**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **74, 29.301, 189.704** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.872, 188.642**, and if you desaturate by 10%, it is **95, 21.805, 190.210**.

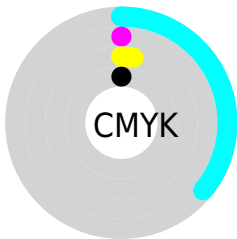
Distribution



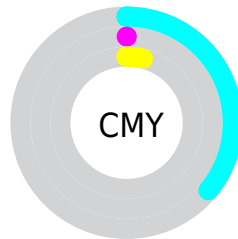
- Red (64%)
- Green (100%)
- Blue (96%)



- Red (64%)
- Yellow (83%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 29.235, 189.434 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, 29.235, 189.434 by changing the saturation by 10% instead.

 94, 29.235,
189.434


 94, 29.235,
189.434

 100, 29.235,
189.434


 84, 29.235,
189.434

 74, 29.235,
189.434

 64, 29.235,
189.434

 54, 29.235,
189.434

 44, 29.235,
189.434

 34, 29.235,
189.434

 24, 29.235,

189.434

■ 14, 29.235,
189.434

■ 4, 29.235, 189.434

■ 94, 29.235,
189.434

■ 94, 29.235,
189.434

■ 93, 35.872,
188.642

■ 95, 21.805,
190.210

■ 92, 41.575,
187.832

■ 97, 13.731,
190.990

■ 91, 46.239,
186.987

■ 99, 5.163, 191.825

■ 91, 49.807,
186.091

100, 0.615,
327.534

100, 0.670,

■ 90, 52.293,
185.126

324.003

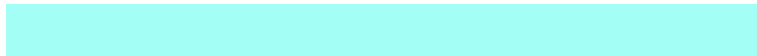
■ 90, 53.797,
184.077

■ 90, 54.240,
183.623

Harmonies

Complementary

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



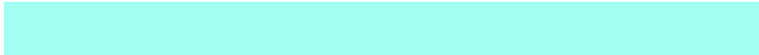
94, 29.235, 189.434



76, 36.057, 16.100

Rectangle

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



94, 29.235, 189.434



94, 29.235, 239.434



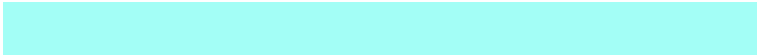
94, 29.235, 9.434



94, 29.235, 59.434

Sweetspot

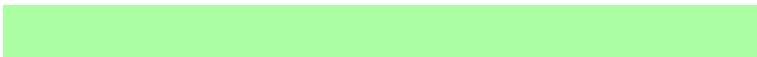
The Sweet Spot groups the original color and five complimentary colors.



94, 29.236, 189.431



98, 9.679, 191.376



93, 55.084, 139.431



52, 6.485, 191.266



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

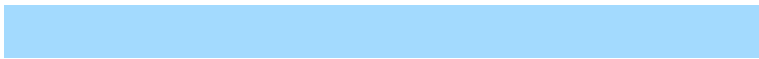
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 29.236, 189.431



94, 34.198, 188.866



84, 24.955, 249.248



52, 5.018, 191.499



70, 43.754, 183.820



23, 19.902, 185.224

Inverse Universe

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



76, 36.057, 16.100



72, 44.236, 17.367



84, 29.526, 60.292



50, 5.279, 12.855



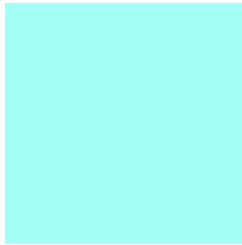
40, 80.545, 36.549



10, 32.686, 23.620

Previews

White Background



This preview shows how the CIE LCh color 94, 29.235, 189.434 looks on a white background.

Color Contrast Check

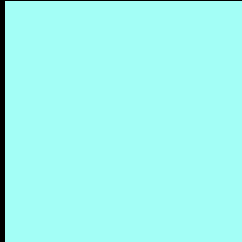
Large Text (above 18pt) WCAG AA × Fail

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, 29.235, 189.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

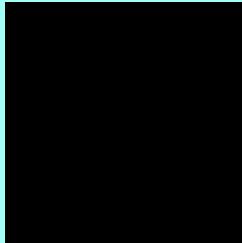
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 29.235, 189.434

Background



This preview shows how black text looks on a background with the CIELCh color 94, 29.235, 189.434.

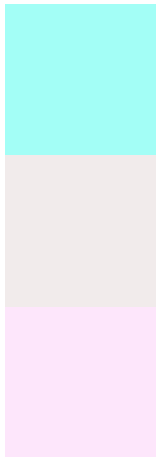


This preview shows how white text looks on a background with the CIELCh color 94, 29.235, 189.434.

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, 29.242, 189.424

Protanopia

94, 2.138, 19.259

Deuteranopia

94, 13.555, 327.381



Tritanopia
94, 13.938, 222.789

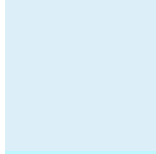
Trichromacy



Original Color
94, 29.242, 189.424



Protanomaly
93, 10.132, 189.992

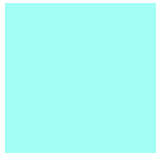


Deuteranomaly
93, 8.179, 238.316

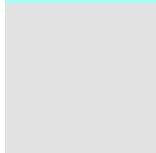


Tritanomaly
94, 18.971, 204.528

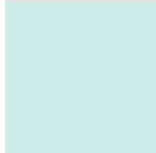
Monochromacy



Original Color
94, 29.242, 189.424



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.492, 190.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 29.235, 189.434 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(163, 254, 246)` looks like.

```
.text, #text, p{  
    color:rgb(163, 254, 246)  
}
```

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(163, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 254, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 29.235, 189.434 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(163, 254, 246) }
```

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

```
.border{ border-color:rgb(163, 254, 246) }
```

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

Here you see how a box with a 4 pixel rgb(163, 254, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(163, 254,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 29.235, 189.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 254, 246) }
```

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

```
.background{ background-color: rgb(163,  
254, 246) }
```

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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