

Converting Colors

CIELCh(95, 26.586, 189.823)

Have a look what the booklet for
CIELCh(95, 26.586, 189.823)
contains.

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Color

CIELCh(95, 26.377, 189.874)

Conversions

Conversions Part 1

Format	Color
Hex	AEFFF8
RGB	174, 255, 248
RGB Percent	68%, 100%, 97%
CMY	0.3161, 0.0000, 0.0259
CMYK	0.32, 0.00, 0.03, 0.00
HSL	175°, 100%, 84%
HSV	175°, 32%, 100%
XYZ	70.4328, 87.6183, 102.3269
YIQ	229.9830, -46.0290, -19.3490

Conversions

Conversions Part 2

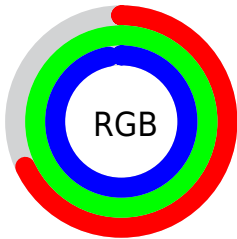
Format	Color
RYB	174, 216, 255
Decimal	11468792
CIELab	95.00, -25.99, -4.52
CIElCh	95, 26.377, 189.874
Yxy	87.6183, 0.2705, 0.3365
Android (android.graphics.Color)	4289658872 (0xFFFAEFFF8)
YUV	229.9830, 8.8824, -49.0971
Hunter-Lab	93.6047, -29.4960, 0.7085

Details

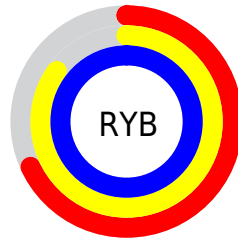
The CIELCh color **95, 26.377, 189.874** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.544, 15.904**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **75, 26.363, 190.308** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.196, 189.525**, and if you desaturate by 10%, it is **96, 18.496, 191.047**.

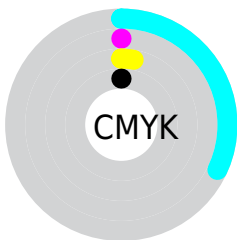
Distribution



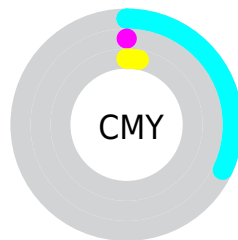
- Red (68%)
- Green (100%)
- Blue (97%)



- Red (68%)
- Yellow (85%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 26.377, 189.874 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 95, 26.377, 189.874 by changing the saturation by 10% instead.


 95, 26.377,
189.874


 95, 26.377,
189.874


 100, 26.377,
189.874


 85, 26.377,
189.874

 75, 26.377,
189.874

 65, 26.377,
189.874

 55, 26.377,
189.874

 45, 26.377,
189.874

 35, 26.377,
189.874

 25, 26.377,

189.874

■ 15, 26.377,
189.874

■ 5, 26.377, 189.874

■ 95, 26.377,
189.874

■ 95, 26.377,
189.874

■ 94, 33.196,
189.525

■ 96, 18.496,
191.047

■ 93, 39.290,
188.751

■ 98, 10.189,
191.821

■ 92, 44.377,
187.954

■ 100, 1.440,
192.951

■ 91, 48.377,
187.119

■ 100, 0.012,
296.813

■ 91, 51.274,
186.230

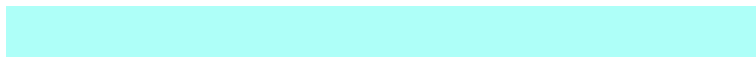
■ 91, 53.130,
185.270

■ 91, 54.061,
184.411

Harmonies

Complementary

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



95, 26.377, 189.874



79, 31.544, 15.904

Rectangle

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



95, 26.377, 189.874



95, 26.377, 239.874



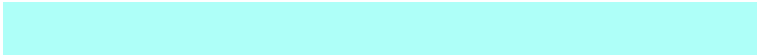
95, 26.377, 9.874



95, 26.377, 59.874

Sweetspot

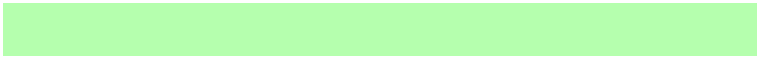
The Sweet Spot groups the original color and five complimentary colors.



95, 26.216, 190.287



98, 7.940, 192.034



94, 49.125, 140.179



52, 5.501, 191.914



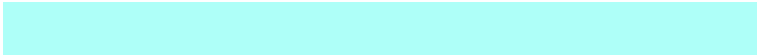
0, 0.000, 0.000



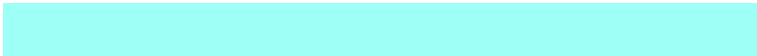
53, 0.007, 296.813

Same Dimension

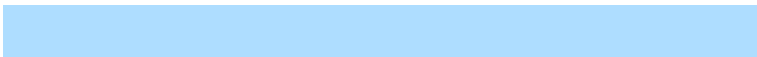
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.216, 190.287



94, 30.769, 189.801



86, 22.541, 250.558



52, 5.011, 191.992



70, 43.476, 184.600



24, 19.794, 185.924

Inverse Universe

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



79, 31.544, 15.904



75, 38.621, 16.910



87, 25.838, 62.524



50, 5.275, 13.327



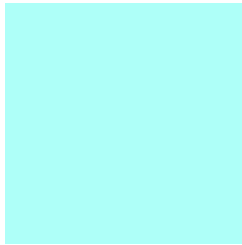
40, 80.810, 36.821



10, 32.728, 23.863

Previews

White Background



This preview shows how the CIE LCh color 95, 26.377, 189.874 looks on a white background.

Color Contrast Check

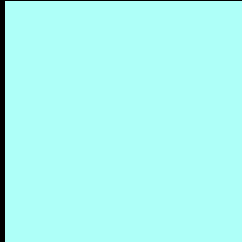
Large Text (above 18pt) WCAG AA × Fail

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 95, 26.377, 189.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

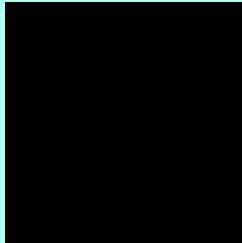
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

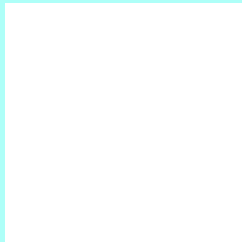
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 26.377, 189.874

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.377, 189.874.

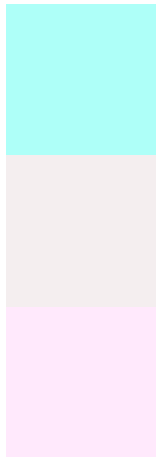


This preview shows how white text looks on a background with the CIELCh color 95, 26.377, 189.874.

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
95, 26.377, 189.874

Protanopia
95, 2.198, 5.768

Deuteranopia
95, 12.504, 328.890

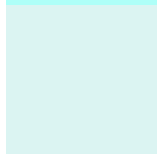


Tritanopia
95, 11.452, 225.634

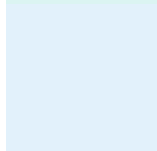
Trichromacy



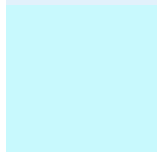
Original Color
95, 26.377, 189.874



Protanomaly
94, 8.696, 192.096



Deuteranomaly
94, 7.183, 245.093

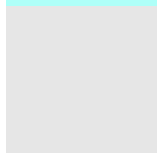


Tritanomaly
95, 16.249, 205.744

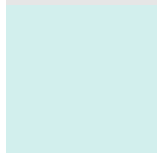
Monochromacy



Original Color
95, 26.377, 189.874



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.058, 192.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.377, 189.874 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(174, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 248)  
}
```

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(174, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.377, 189.874 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(174, 255, 248) }
```

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

```
.border{ border-color:rgb(174, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.377, 189.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 248) }
```

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

```
.background{ background-color: rgb(174,  
255, 248) }
```

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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