

Converting Colors

CIELCh(95, 26.362, 180.630)

Have a look what the booklet for
CIELCh(95, 26.362, 180.630)
contains.

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Color

CIElCh(95, 26.341, 180.662)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFF0
RGB	179, 255, 240
RGB Percent	70%, 100%, 94%
CMY	0.2970, 0.0000, 0.0578
CMYK	0.30, 0.00, 0.06, 0.00
HSL	168°, 100%, 85%
HSV	168°, 30%, 100%
XYZ	70.2681, 87.6183, 95.8573
YIQ	230.5660, -40.4810, -20.7770

Conversions

Conversions Part 2

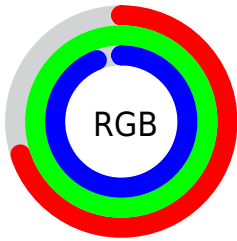
Format	Color
RYB	179, 221, 255
Decimal	11796464
CIELab	95.00, -26.34, -0.30
CIELCh	95, 26.341, 180.662
Yxy	87.6183, 0.2769, 0.3453
Android (android.graphics.Color)	4289986544 (0xFFB3FFF0)
YUV	230.5660, 4.6510, -45.2234
Hunter-Lab	93.6047, -29.8100, 4.8064

Details

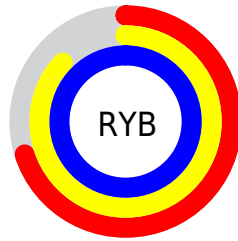
The CIELCh color **95, 26.341, 180.662** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 29.763, 7.011**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **75, 26.250, 180.587** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.052, 179.845**, and if you desaturate by 10%, it is **96, 17.771, 181.903**.

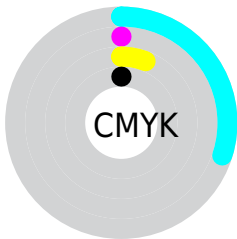
Distribution



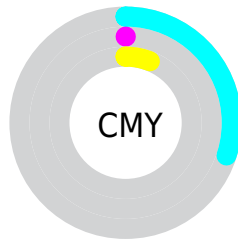
- Red (70%)
- Green (100%)
- Blue (94%)



- Red (70%)
- Yellow (87%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 26.341, 180.662 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, 26.341, 180.662 by changing the saturation by 10% instead.


 95, 26.341,
180.662


 95, 26.341,
180.662


 100, 26.341,
180.662


 85, 26.341,
180.662

 75, 26.341,
180.662

 65, 26.341,
180.662

 55, 26.341,
180.662

 45, 26.341,
180.662

 35, 26.341,
180.662

 25, 26.341,

180.662

■ 15, 26.341,
180.662

■ 5, 26.341, 180.662

■ 95, 26.341,
180.662

■ 95, 26.341,
180.662

■ 94, 34.052,
179.845

■ 96, 17.771,
181.903

■ 93, 41.138,
178.706

■ 98, 8.892, 182.874

■ 92, 47.326,
177.466

100, 0.012,
296.813

■ 91, 52.506,
176.100

■ 90, 56.628,
174.586

■ 90, 59.722,
172.903

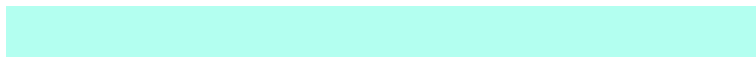
■ 90, 61.976,
171.070

■ 90, 62.039,
171.015

Harmonies

Complementary

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



95, 26.341, 180.662



80, 29.763, 7.011

Rectangle

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



95, 26.341, 180.662



95, 26.341, 230.662



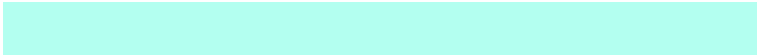
95, 26.341, 0.662



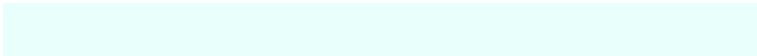
95, 26.341, 50.662

Sweetspot

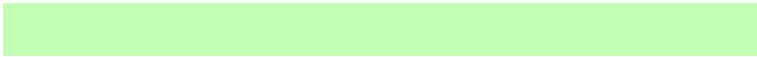
The Sweet Spot groups the original color and five complimentary colors.



95, 26.210, 180.904



98, 8.259, 182.942



94, 44.505, 137.227



52, 5.728, 182.799



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

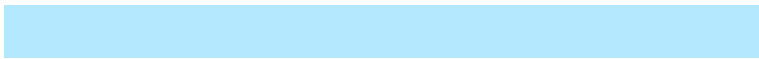
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.210, 180.904



94, 31.231, 180.245



89, 20.226, 234.537



52, 5.214, 182.893



69, 49.754, 171.361



23, 22.222, 173.832

Inverse Universe

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



80, 29.763, 7.011



77, 36.534, 8.001



85, 24.242, 49.772



50, 5.419, 4.503



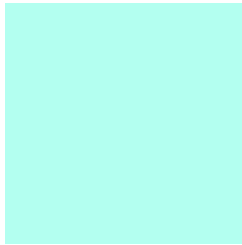
40, 75.218, 30.007



10, 32.017, 19.009

Previews

White Background



This preview shows how the CIE LCh color 95, 26.341, 180.662 looks on a white background.

Color Contrast Check

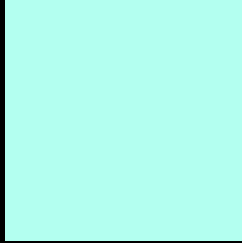
Large Text (above 18pt) WCAG AA × Fail

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, 26.341, 180.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

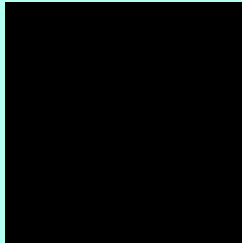
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

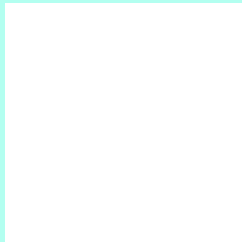
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 26.341, 180.662

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.341, 180.662.

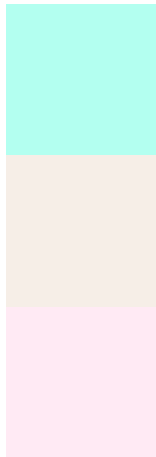


This preview shows how white text looks on a background with the CIELCh color 95, 26.341, 180.662.

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, 26.341, 180.662

Protanopia
95, 4.579, 70.908

Deuteranopia
95, 9.086, 345.606

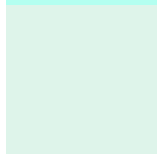


Tritanopia
95, 10.881, 227.192

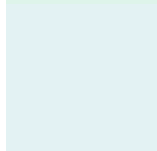
Trichromacy



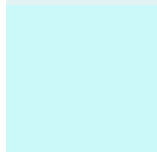
Original Color
95, 26.341, 180.662



Protanomaly
94, 9.334, 165.443



Deuteranomaly
94, 5.217, 204.854

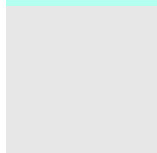


Tritanomaly
95, 15.329, 200.403

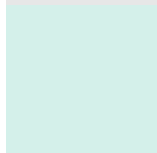
Monochromacy



Original Color
95, 26.341, 180.662



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.253, 181.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.341, 180.662 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(179, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 240)  
}
```

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(179, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.341, 180.662 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(179, 255, 240) }
```

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

```
.border{ border-color:rgb(179, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.341, 180.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 240) }
```

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

```
.background{ background-color: rgb(179,  
255, 240) }
```

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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