

Converting Colors

CIELCh(95, 27.281, 178.496)

Have a look what the booklet for
CIELCh(95, 27.281, 178.496)
contains.

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Color

CIELCh(95, 27.045, 178.782)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFEF
RGB	179, 255, 239
RGB Percent	70%, 100%, 94%
CMY	0.2998, 0.0000, 0.0645
CMYK	0.30, 0.00, 0.06, 0.00
HSL	167°, 100%, 85%
HSV	167°, 30%, 100%
XYZ	69.9423, 87.6183, 94.5443
YIQ	230.4520, -40.1600, -21.0880

Conversions

Conversions Part 2

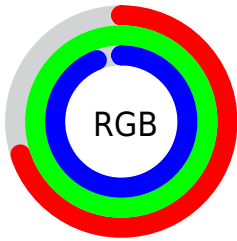
Format	Color
RYB	179, 221, 255
Decimal	11796463
CIELab	95.00, -27.04, 0.57
CIElCh	95, 27.045, 178.782
Yxy	87.6183, 0.2774, 0.3475
Android (android.graphics.Color)	4289986543 (0xFFB3FFEF)
YUV	230.4520, 4.2142, -45.1234
Hunter-Lab	93.6047, -30.4312, 5.6381

Details

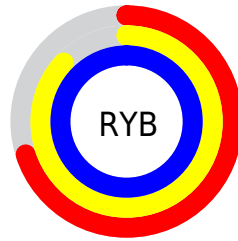
The CIELCh color **95, 27.045, 178.782** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 30.195, 5.506**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **75, 26.480, 179.493** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.745, 178.154**, and if you desaturate by 10%, it is **96, 18.214, 180.277**.

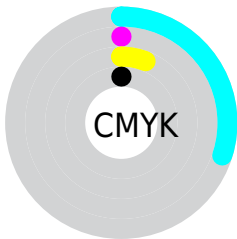
Distribution



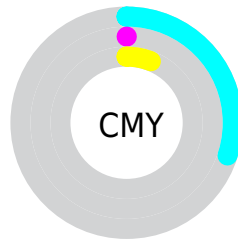
- Red (70%)
- Green (100%)
- Blue (94%)



- 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, 27.045, 178.782 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, 27.045, 178.782 by changing the saturation by 10% instead.

 95, 27.045,
178.782


 95, 27.045,
178.782


 100, 27.045,
178.782


 85, 27.045,
178.782

 75, 27.045,
178.782

 65, 27.045,
178.782

 55, 27.045,
178.782

 45, 27.045,
178.782

 35, 27.045,
178.782

 25, 27.045,

178.782

■ 15, 27.045,
178.782

■ 5, 27.045, 178.782

■ 95, 27.045,
178.782

■ 95, 27.045,
178.782

■ 94, 34.745,
178.154

■ 96, 18.214,
180.277

■ 92, 41.979,
176.968

■ 98, 9.235, 181.266

■ 92, 48.326,
175.671

100, 0.012,
296.813

■ 91, 53.677,
174.236

■ 90, 57.978,
172.640

■ 90, 61.261,
170.865

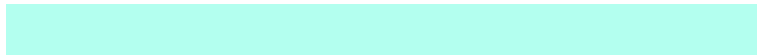
■ 90, 63.722,
168.937

■ 90, 63.727,
168.933

Harmonies

Complementary

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



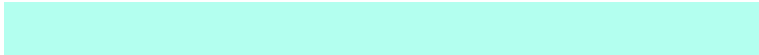
95, 27.045, 178.782



80, 30.195, 5.506

Rectangle

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



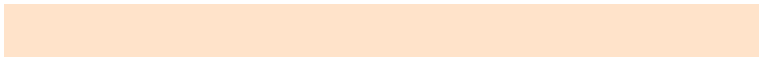
95, 27.045, 178.782



95, 27.045, 228.782



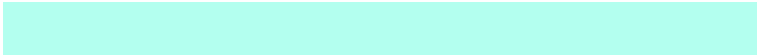
95, 27.045, 358.782



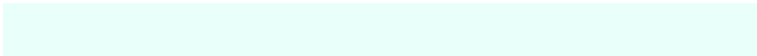
95, 27.045, 48.782

Sweetspot

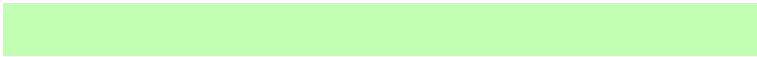
The Sweet Spot groups the original color and five complimentary colors.



95, 26.770, 179.249



98, 8.338, 181.364



94, 44.689, 136.740



52, 5.784, 181.219



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

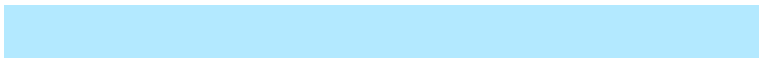
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.770, 179.249



94, 31.651, 178.599



89, 20.379, 232.266



52, 5.264, 181.313



69, 51.083, 169.297



23, 22.736, 171.905

Inverse Universe

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



80, 30.195, 5.506



77, 36.658, 6.452



85, 24.619, 47.944



50, 5.459, 2.950



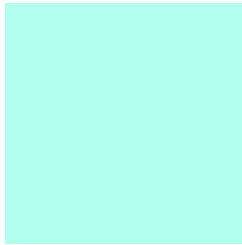
40, 74.215, 28.446



10, 31.896, 17.958

Previews

White Background



This preview shows how the CIE LCh color 95, 27.045, 178.782 looks on a white background.

Color Contrast Check

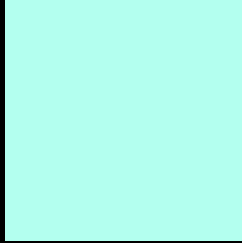
Large Text (above 18pt) WCAG AA × Fail

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, 27.045, 178.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

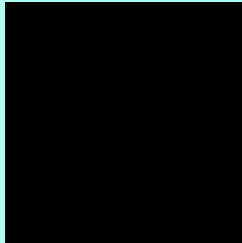
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

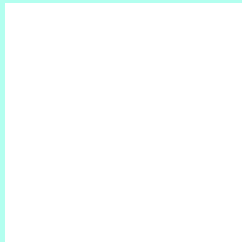
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 27.045, 178.782

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.045, 178.782.

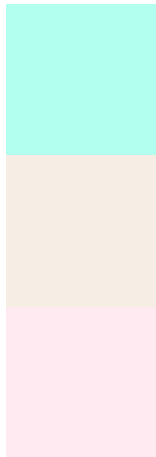


This preview shows how white text looks on a background with the CIELCh color 95, 27.045, 178.782.

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, 26.550, 179.623

Protanopia
94, 5.421, 77.599

Deuteranopia
95, 8.558, 351.299

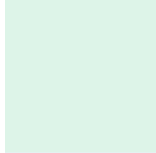


Tritanopia
95, 11.166, 226.392

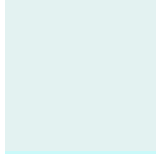
Trichromacy



Original Color
95, 26.550, 179.623



Protanomaly
94, 10.240, 161.763

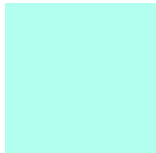


Deuteranomaly
94, 5.253, 193.553

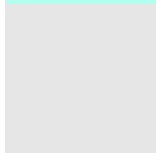


Tritanomaly
95, 15.677, 198.444

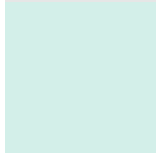
Monochromacy



Original Color
95, 26.550, 179.623



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.261, 181.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.045, 178.782 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.045, 178.782 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, 239) }
```

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

```
.border{ border-color:rgb(179, 255, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.045, 178.782 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, 239) }
```

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

```
.background{ background-color: rgb(179,  
255, 239) }
```

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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