

Converting Colors

CIELCh(95, 28.195, 182.654)

Have a look what the booklet for
CIELCh(95, 28.195, 182.654)
contains.

CIELCh(95, 27.618, 183.594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 27.618, 183.594)

Conversions

Conversions Part 1

Format	Color
Hex	AEFFF3
RGB	174, 255, 243
RGB Percent	68%, 100%, 95%
CMY	0.3178, 0.0000, 0.0471
CMYK	0.32, 0.00, 0.05, 0.00
HSL	171°, 100%, 84%
HSV	171°, 32%, 100%
XYZ	69.6987, 87.6183, 98.0140
YIQ	229.4130, -44.4240, -20.9040

Conversions

Conversions Part 2

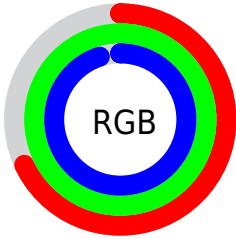
Format	Color
RYB	174, 218, 255
Decimal	11468787
CIELab	95.00, -27.56, -1.73
CIElCh	95, 27.618, 183.594
Yxy	87.6183, 0.2730, 0.3432
Android (android.graphics.Color)	4289658867 (0xFFFAEFFF3)
YUV	229.4130, 6.6984, -48.5972
Hunter-Lab	93.6047, -30.8958, 3.4403

Details

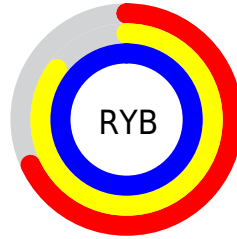
The CIELCh color **95, 27.618, 183.594** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.785, 10.830**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **75, 27.229, 184.655** is the 20% darker color. If you saturate the color by 10%, you get **93, 34.545, 183.515**, and if you desaturate by 10%, it is **96, 19.125, 185.414**.

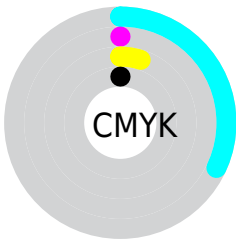
Distribution



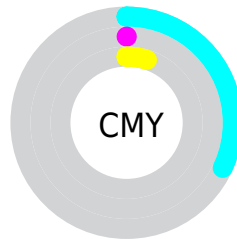
- Red (68%)
- Green (100%)
- Blue (95%)



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



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 27.618, 183.594 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, 27.618, 183.594 by changing the saturation by 10% instead.


 95, 27.618,
183.594


 95, 27.618,
183.594


 100, 27.618,
183.594


 85, 27.618,
183.594

 75, 27.618,
183.594

 65, 27.618,
183.594

 55, 27.618,
183.594

 45, 27.618,
183.594

 35, 27.618,
183.594

 25, 27.618,

183.594

■ 15, 27.618,
183.594

■ 5, 27.618, 183.594

■ 95, 27.618,
183.594

■ 95, 27.618,
183.594

■ 93, 34.545,
183.515

■ 96, 19.125,
185.414

■ 92, 41.088,
182.485

■ 98, 10.557,
186.323

■ 92, 46.671,
181.378

■ 100, 1.615,
187.506

■ 91, 51.202,
180.171

■ 100, 0.012,
296.813

■ 91, 54.655,
178.843

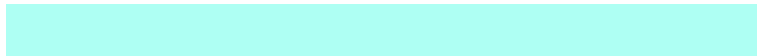
■ 90, 57.084,
177.375

■ 90, 58.485,
176.078

Harmonies

Complementary

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



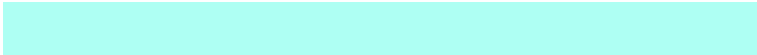
95, 27.618, 183.594



79, 31.785, 10.830

Rectangle

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



95, 27.618, 183.594



95, 27.618, 233.594



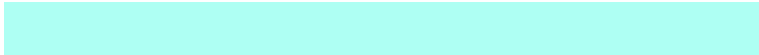
95, 27.618, 3.594



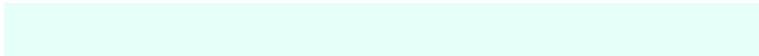
95, 27.618, 53.594

Sweetspot

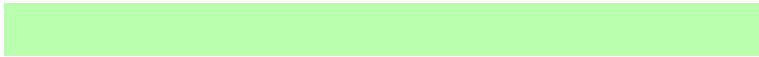
The Sweet Spot groups the original color and five complimentary colors.



95, 27.173, 184.486



98, 8.990, 186.487



94, 48.347, 138.452



52, 6.119, 186.357



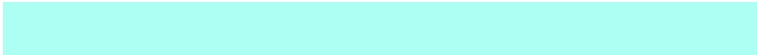
0, 0.000, 0.000



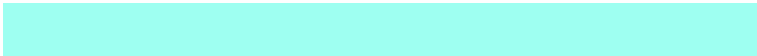
53, 0.007, 296.813

Same Dimension

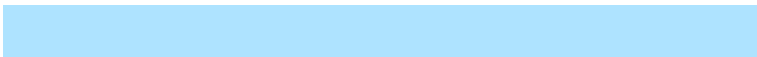
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.173, 184.486



94, 31.850, 183.888



87, 21.798, 241.755



52, 5.116, 186.534



69, 46.957, 176.373



23, 21.140, 178.462

Inverse Universe

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



79, 31.785, 10.830



75, 38.552, 11.847



85, 25.917, 55.154



50, 5.344, 8.060



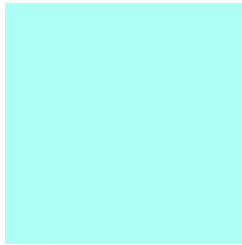
40, 77.562, 33.183



10, 32.290, 21.088

Previews

White Background



This preview shows how the CIE LCh color 95, 27.618, 183.594 looks on a white background.

Color Contrast Check

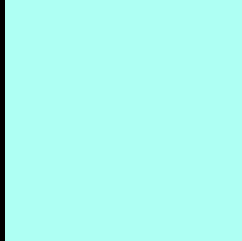
Large Text (above 18pt) WCAG AA × Fail

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, 27.618, 183.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

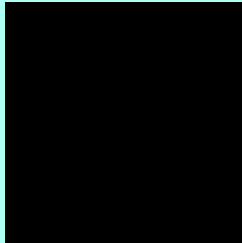
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 27.618, 183.594

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.618, 183.594.

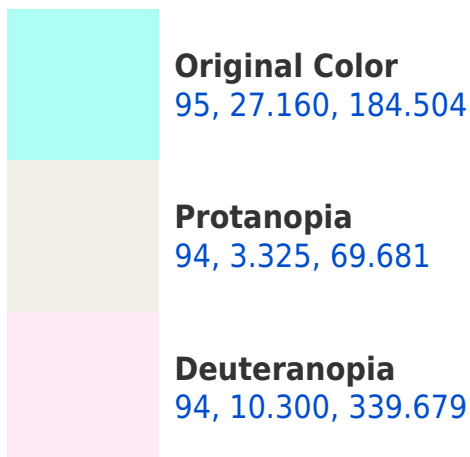


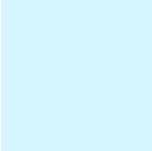
This preview shows how white text looks on a background with the CIELCh color 95, 27.618, 183.594.

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





Tritanopia
95, 11.740, 224.913

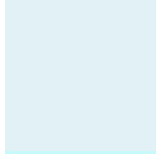
Trichromacy



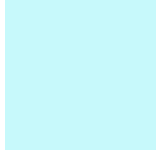
Original Color
95, 27.160, 184.504



Protanomaly
94, 9.467, 176.467

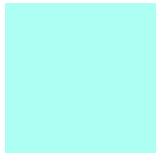


Deuteranomaly
94, 5.535, 221.071

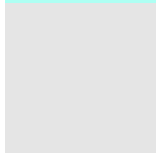


Tritanomaly
95, 16.552, 201.980

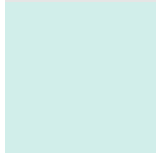
Monochromacy



Original Color
95, 27.160, 184.504



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.280, 187.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.618, 183.594 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.618, 183.594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

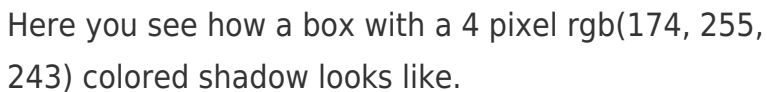
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 255, 243) }
```

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

```
.border{ border-color:rgb(174, 255, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.618, 183.594 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, 243) }
```

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

```
.background{ background-color: rgb(174,  
255, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor