

Converting Colors

CIELCh(95, 27.461, 194.574)

Have a look what the booklet for
CIELCh(95, 27.461, 194.574)
contains.

| | |
|--|----|
| CIELCh(95, 27.186, 195.548) | 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, 27.186, 195.548)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AAFFFE |
| RGB | 170, 255, 254 |
| RGB Percent | 67%, 100%, 100% |
| CMY | 0.3345, 0.0000, 0.0051 |
| CMYK | 0.33, 0.00, 0.01, 0.00 |
| HSL | 179°, 100%, 83% |
| HSV | 179°, 33%, 100% |
| XYZ | 70.3371, 87.6183, 106.7194 |
| YIQ | 229.4710, -50.3390, -18.3310 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 213, 255 |
| Decimal | 11206654 |
| CIELab | 95.00, -26.19, -7.29 |
| CIELCh | 95, 27.186, 195.548 |
| Yxy | 87.6183, 0.2657, 0.3310 |
| Android (android.graphics.Color) | 4289396734 (0xFFAAFFFE) |
| YUV | 229.4710, 12.0928, -52.1561 |
| Hunter-Lab | 93.6047, -29.6783, -2.0737 |

Details

The CIELCh color **95, 27.186, 195.548** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.825, 21.256**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **75, 26.771, 196.252** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.436, 195.852**, and if you desaturate by 10%, it is **96, 19.609, 196.837**.

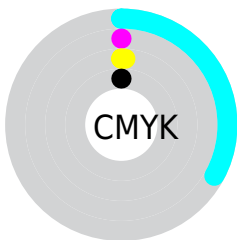
Distribution



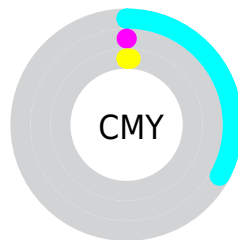
- Red (67%)
- Green (100%)
- Blue (100%)



- Red (67%)
- Yellow (84%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 27.186, 195.548 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, 27.186, 195.548 by changing the saturation by 10% instead.


 95, 27.186,
195.548


 95, 27.186,
195.548


 100, 27.186,
195.548


 85, 27.186,
195.548

 75, 27.186,
195.548

 65, 27.186,
195.548

 55, 27.186,
195.548

 45, 27.186,
195.548

 35, 27.186,
195.548

 25, 27.186,

195.548

■ 15, 27.186,
195.548

■ 5, 27.186, 195.548

■ 95, 27.186,
195.548

■ 95, 27.186,
195.548

■ 94, 33.436,
195.852

■ 96, 19.609,
196.837

■ 93, 38.973,
195.432

■ 98, 11.598,
197.408

■ 92, 43.447,
195.060

■ 99, 3.050, 198.148

■ 92, 46.805,
194.734

100, 0.012,
296.813

■ 91, 49.057,
194.447

■ 91, 50.295,
194.191

■ 91, 50.699,
194.033

Harmonies

Complementary

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



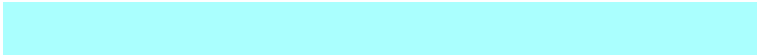
95, 27.186, 195.548



78, 33.825, 21.256

Rectangle

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



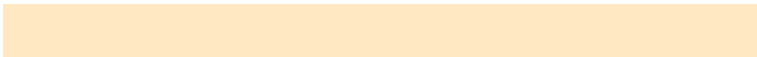
95, 27.186, 195.548



95, 27.186, 245.548



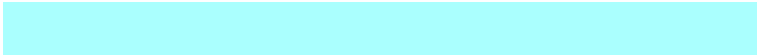
95, 27.186, 15.548



95, 27.186, 65.548

Sweetspot

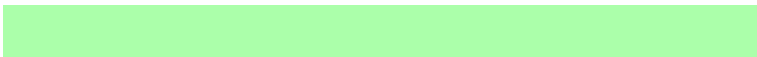
The Sweet Spot groups the original color and five complimentary colors.



95, 26.937, 196.320



98, 8.699, 197.624



93, 53.050, 141.621



52, 5.914, 197.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

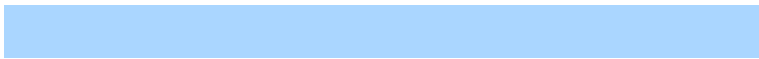
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.937, 196.320



94, 31.294, 196.008



84, 25.218, 259.033



52, 4.952, 197.656



70, 40.827, 194.072



24, 18.755, 194.348

Inverse Universe

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



78, 33.825, 21.256



74, 41.348, 22.257



87, 28.006, 69.478



49, 5.252, 18.712



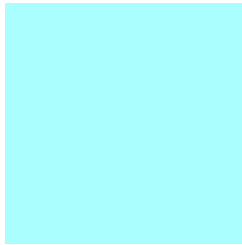
40, 83.539, 39.401



10, 33.241, 26.571

Previews

White Background



This preview shows how the CIE LCh color 95, 27.186, 195.548 looks on a white background.

Color Contrast Check

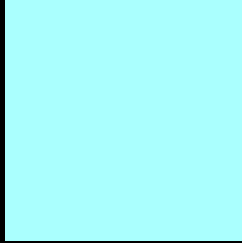
Large Text (above 18pt) WCAG AA × Fail

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, 27.186, 195.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

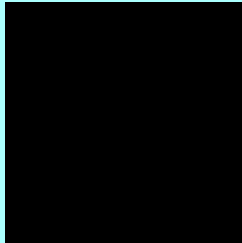
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

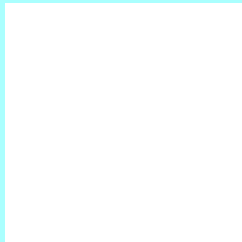
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 27.186, 195.548

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.186, 195.548.

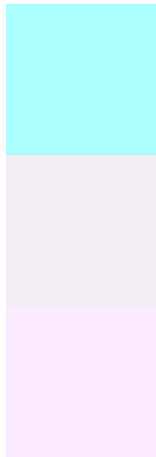


This preview shows how white text looks on a background with the CIELCh color 95, 27.186, 195.548.

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

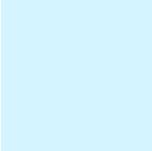
95, 26.830, 196.652

Protanopia

95, 2.955, 318.821

Deuteranopia

95, 12.381, 319.444



Tritanopia
95, 12.028, 224.228

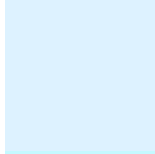
Trichromacy



Original Color
95, 26.830, 196.652



Protanomaly
94, 9.618, 208.130



Deuteranomaly
94, 9.620, 243.294

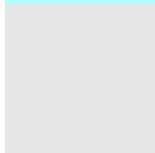


Tritanomaly
95, 17.218, 208.773

Monochromacy



Original Color
95, 26.830, 196.652



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.614, 198.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.186, 195.548 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(170, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 254)  
}
```

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(170, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.186, 195.548 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(170, 255, 254) }
```

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

```
.border{ border-color:rgb(170, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.186, 195.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 254) }
```

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

```
.background{ background-color: rgb(170,  
255, 254) }
```

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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