

Converting Colors

CIELCh(100, 34.273, 183.016)

Have a look what the booklet for
CIELCh(100, 34.273, 183.016)
contains.

| | |
|--|----|
| CIELCh(95, 27.023, 197.751) | 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, 27.023, 197.751)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AAFFFF |
| RGB | 170, 255, 255 |
| RGB Percent | 67%, 100%, 100% |
| CMY | 0.3351, 0.0000, 0.0000 |
| CMYK | 0.34, 0.00, 0.00, 0.00 |
| HSL | 180°, 100%, 83% |
| HSV | 180°, 34%, 100% |
| XYZ | 70.5495, 87.6183, 108.2605 |
| YIQ | 229.5850, -50.6600, -18.0200 |

Conversions

Conversions Part 2

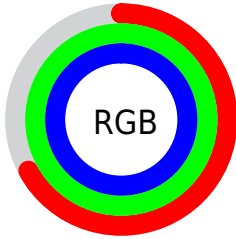
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 213, 255 |
| Decimal | 11206655 |
| CIELab | 95.00, -25.74, -8.24 |
| CIELCh | 95, 27.023, 197.751 |
| Yxy | 87.6183, 0.2648, 0.3289 |
| Android (android.graphics.Color) | 4289396735 (0xFFAAFFFF) |
| YUV | 229.5850, 12.5296, -52.2560 |
| Hunter-Lab | 93.6047, -29.2734, -3.0498 |

Details

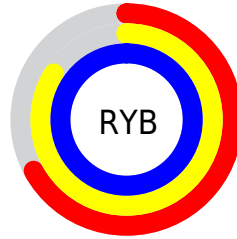
The CIELCh color **95, 27.023, 197.751** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 33.993, 22.407**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **75, 26.675, 197.433** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.310, 197.370**, and if you desaturate by 10%, it is **96, 19.602, 198.212**.

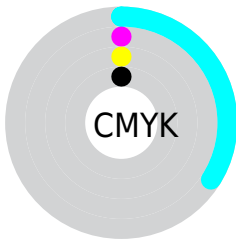
Distribution



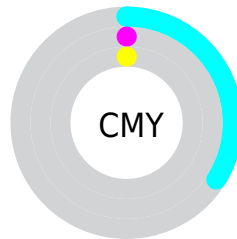
- Red (67%)
- Green (100%)
- Blue (100%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 27.023, 197.751 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, 27.023, 197.751 by changing the saturation by 10% instead.


 95, 27.023,
197.751


 95, 27.023,
197.751


 100, 27.023,
197.751


 85, 27.023,
197.751

 75, 27.023,
197.751

 65, 27.023,
197.751

 55, 27.023,
197.751

 45, 27.023,
197.751

 35, 27.023,
197.751

 25, 27.023,

197.751

■ 15, 27.023,
197.751

■ 5, 27.023, 197.751

■ 95, 27.023,
197.751

■ 95, 27.023,
197.751

■ 94, 33.310,
197.370

■ 96, 19.602,
198.212

■ 93, 38.770,
197.045

■ 98, 11.628,
198.729

■ 92, 43.160,
196.787

■ 99, 3.100, 199.422

■ 92, 46.431,
196.598

100, 0.012,
296.813

■ 91, 48.600,
196.473

■ 91, 49.760,
196.407

■ 91, 50.115,
196.386

Harmonies

Complementary

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



95, 27.023, 197.751



78, 33.993, 22.407

Rectangle

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



95, 27.023, 197.751



95, 27.023, 247.751



95, 27.023, 17.751



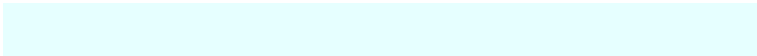
95, 27.023, 67.751

Sweetspot

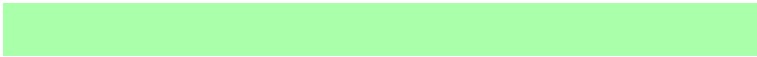
The Sweet Spot groups the original color and five complimentary colors.



95, 26.878, 197.760



98, 8.687, 198.933



93, 53.423, 141.996



52, 5.905, 198.849



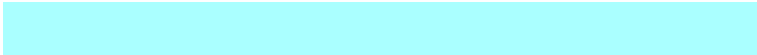
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 26.878, 197.760



94, 31.155, 197.500



83, 25.695, 260.931



52, 4.945, 198.963



70, 40.365, 196.386



24, 18.570, 196.386

Inverse Universe

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



80, 53.383, 326.265



77, 63.286, 326.594



88, 28.255, 71.204



50, 9.057, 324.947



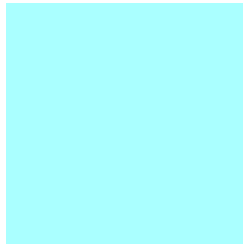
45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIE LCh color 95, 27.023, 197.751 looks on a white background.

Color Contrast Check

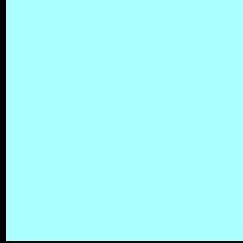
Large Text (above 18pt) WCAG AA × Fail

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, 27.023, 197.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

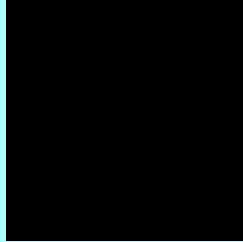
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

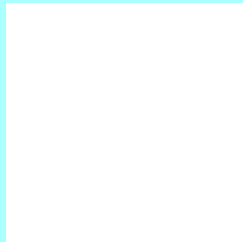
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 27.023, 197.751

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.023, 197.751.

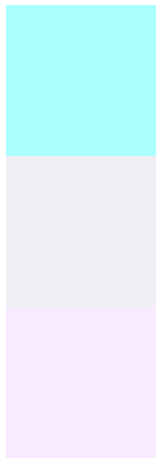


This preview shows how white text looks on a background with the CIELCh color 95, 27.023, 197.751.

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, 26.754, 197.768

Protanopia
95, 3.889, 311.601

Deuteranopia
94, 12.217, 317.997

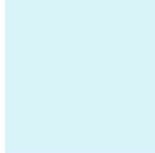


Tritanopia
95, 12.028, 224.228

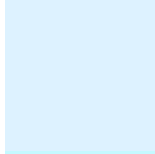
Trichromacy



Original Color
95, 26.754, 197.768



Protanomaly
94, 9.776, 214.184

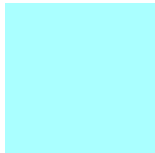


Deuteranomaly
94, 9.620, 243.294

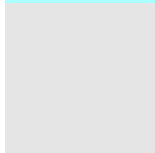


Tritanomaly
95, 17.218, 208.773

Monochromacy



Original Color
95, 26.754, 197.768



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, 27.023, 197.751 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, 255)` looks like.

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

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, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 95, 27.023, 197.751 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, 255) }
```

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

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

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, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 95, 27.023, 197.751 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, 255) }
```

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

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

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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