

Converting Colors

CIELCh(100, 33.772, 178.004)

Have a look what the booklet for
CIELCh(100, 33.772, 178.004)
contains.

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Color

CIELCh(95, 25.634, 194.351)

Conversions

Conversions Part 1

Format	Color
Hex	AFFFFC
RGB	175, 255, 252
RGB Percent	69%, 100%, 99%
CMY	0.3139, 0.0002, 0.0120
CMYK	0.31, 0.00, 0.01, 0.00
HSL	178°, 100%, 84%
HSV	178°, 31%, 100%
XYZ	70.9722, 87.6183, 105.2222
YIQ	230.7380, -46.7170, -17.8930

Conversions

Conversions Part 2

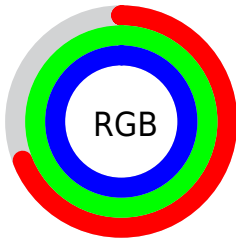
Format	Color
RYB	175, 216, 255
Decimal	11534332
CIELab	95.00, -24.83, -6.35
CIElCh	95, 25.634, 194.351
Yxy	87.6183, 0.2690, 0.3321
Android (android.graphics.Color)	4289724412 (0xFFAFFFFC)
YUV	230.7380, 10.4822, -48.8822
Hunter-Lab	93.6047, -28.4673, -1.1254

Details

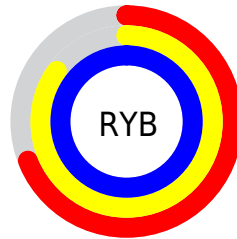
The CIELCh color **95, 25.634, 194.351** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.392, 19.274**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **75, 25.697, 193.842** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.411, 193.766**, and if you desaturate by 10%, it is **96, 18.079, 194.960**.

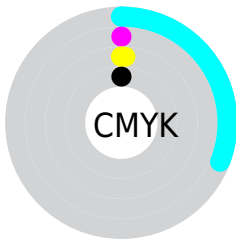
Distribution



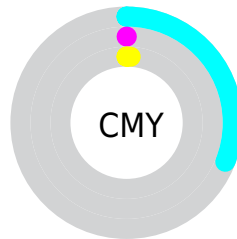
- Red (69%)
- Green (100%)
- Blue (99%)



- Red (69%)
- Yellow (85%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.634, 194.351 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, 25.634, 194.351 by changing the saturation by 10% instead.


 95, 25.634,
194.351


 95, 25.634,
194.351


 100, 25.634,
194.351


 85, 25.634,
194.351

 75, 25.634,
194.351

 65, 25.634,
194.351

 55, 25.634,
194.351

 45, 25.634,
194.351

 35, 25.634,
194.351

 25, 25.634,

194.351

■ 15, 25.634,
194.351

■ 5, 25.634, 194.351

■ 95, 25.634,
194.351

■ 95, 25.634,
194.351

■ 94, 32.411,
193.766

■ 96, 18.079,
194.960

■ 93, 38.268,
193.211

■ 98, 9.894, 195.615

■ 92, 43.092,
192.679

■ 100, 1.224,
196.730

■ 92, 46.813,
192.163

■ 100, 0.041,
316.881

■ 91, 49.422,
191.653

■ 91, 50.986,
191.137

■ 91, 51.677,
190.681

Harmonies

Complementary

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



95, 25.634, 194.351



79, 31.392, 19.274

Rectangle

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



95, 25.634, 194.351



95, 25.634, 244.351



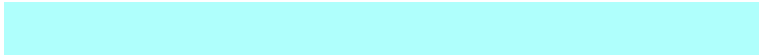
95, 25.634, 14.351



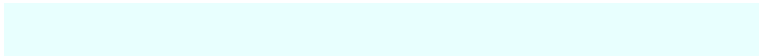
95, 25.634, 64.351

Sweetspot

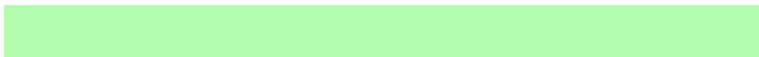
The Sweet Spot groups the original color and five complimentary colors.



95, 25.635, 194.348



98, 7.871, 195.784



94, 49.279, 141.015



52, 5.451, 195.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

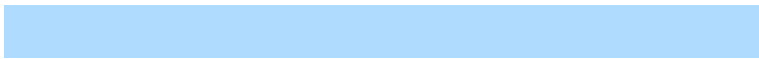
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.635, 194.348



94, 30.222, 193.959



85, 22.982, 254.661



52, 4.966, 195.747



70, 41.605, 190.776



24, 19.064, 191.432

Inverse Universe

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



79, 31.392, 19.274



75, 38.852, 20.265



87, 25.823, 66.178



49, 5.255, 16.906



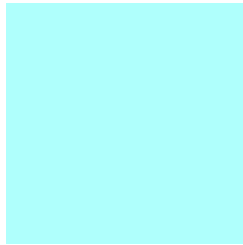
40, 82.606, 38.558



10, 33.061, 25.674

Previews

White Background



This preview shows how the CIE LCh color 95, 25.634, 194.351 looks on a white background.

Color Contrast Check

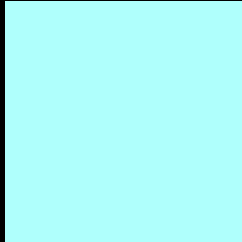
Large Text (above 18pt) WCAG AA × Fail

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, 25.634, 194.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

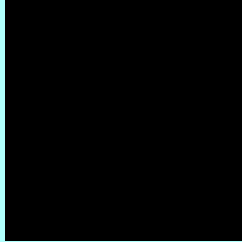
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 25.634, 194.351

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.634, 194.351.

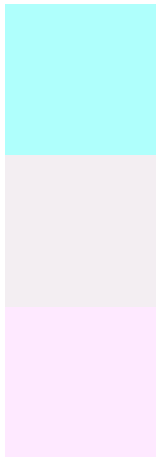


This preview shows how white text looks on a background with the CIELCh color 95, 25.634, 194.351.

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, 25.634, 194.351

Protanopia
95, 2.733, 330.526

Deuteranopia
95, 13.544, 323.652



Tritanopia
95, 11.166, 226.392

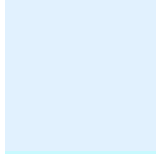
Trichromacy



Original Color
95, 25.634, 194.351



Protanomaly
94, 8.921, 205.548

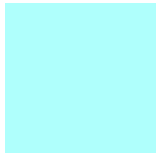


Deuteranomaly
94, 8.518, 251.113

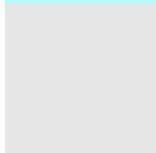


Tritanomaly
95, 16.275, 207.578

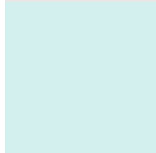
Monochromacy



Original Color
95, 25.634, 194.351



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.982, 195.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.634, 194.351 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(175, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 252)  
}
```

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(175, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.634, 194.351 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(175, 255, 252) }
```

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

```
.border{ border-color:rgb(175, 255, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.634, 194.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 255, 252) }
```

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

```
.background{ background-color: rgb(175,  
255, 252) }
```

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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