

Converting Colors

CIELCh(95, 26.904, 193.096)

Have a look what the booklet for
CIELCh(95, 26.904, 193.096)
contains.

CIELCh(95, 26.841, 193.320)	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, 26.841, 193.320)

Conversions

Conversions Part 1

Format	Color
Hex	ACFFFC
RGB	172, 255, 252
RGB Percent	67%, 100%, 99%
CMY	0.3272, 0.0000, 0.0134
CMYK	0.33, 0.00, 0.01, 0.00
HSL	178°, 100%, 84%
HSV	178°, 33%, 100%
XYZ	70.3708, 87.6183, 104.9514
YIQ	229.8410, -48.5050, -18.5290

Conversions

Conversions Part 2

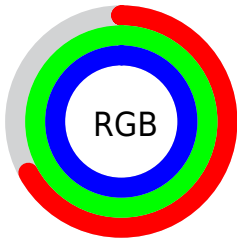
Format	Color
RYB	172, 214, 255
Decimal	11337724
CIELab	95.00, -26.12, -6.18
CIELCh	95, 26.841, 193.320
Yxy	87.6183, 0.2676, 0.3332
Android (android.graphics.Color)	4289527804 (0xFFACFFFC)
YUV	229.8410, 10.9244, -50.7266
Hunter-Lab	93.6047, -29.6141, -0.9539

Details

The CIELCh color **95, 26.841, 193.320** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 32.868, 19.201**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **75, 26.481, 193.890** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.300, 193.357**, and if you desaturate by 10%, it is **96, 19.148, 194.572**.

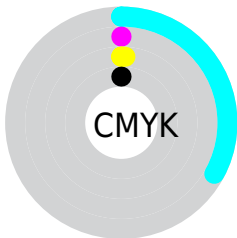
Distribution



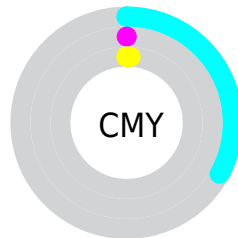
- Red (67%)
- Green (100%)
- Blue (99%)



- 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, 26.841, 193.320 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, 26.841, 193.320 by changing the saturation by 10% instead.


 95, 26.841,
193.320


 95, 26.841,
193.320


 100, 26.841,
193.320


 85, 26.841,
193.320

 75, 26.841,
193.320

 65, 26.841,
193.320

 55, 26.841,
193.320

 45, 26.841,
193.320

 35, 26.841,
193.320

 25, 26.841,

193.320

■ 15, 26.841,
193.320

■ 5, 26.841, 193.320

■ 95, 26.841,
193.320

■ 95, 26.841,
193.320

■ 94, 33.300,
193.357

■ 96, 19.148,
194.572

■ 93, 39.044,
192.787

■ 98, 11.028,
195.229

■ 92, 43.745,
192.235

■ 99, 2.407, 196.093

■ 91, 47.338,
191.694

100, 0.012,
296.813

■ 91, 49.823,
191.151

■ 91, 51.279,
190.596

■ 91, 51.848,
190.179

Harmonies

Complementary

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



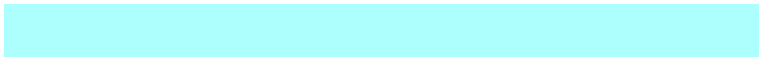
95, 26.841, 193.320



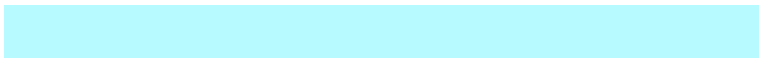
78, 32.868, 19.201

Rectangle

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



95, 26.841, 193.320



95, 26.841, 243.320



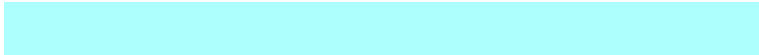
95, 26.841, 13.320



95, 26.841, 63.320

Sweetspot

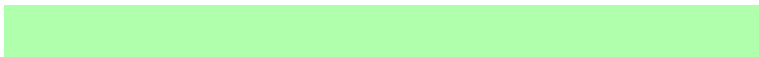
The Sweet Spot groups the original color and five complimentary colors.



95, 26.622, 193.951



98, 8.730, 195.420



93, 51.357, 140.903



52, 5.936, 195.320



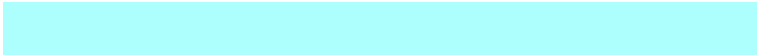
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

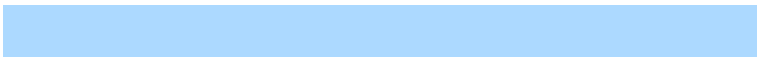
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 26.622, 193.951



94, 30.920, 193.575



85, 23.923, 254.935



52, 4.969, 195.456



70, 41.734, 190.282



24, 19.114, 190.994

Inverse Universe

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



78, 32.868, 19.201



74, 39.973, 20.174



87, 27.031, 66.026



49, 5.255, 16.630



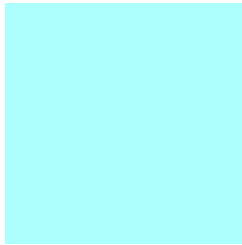
40, 82.470, 38.433



10, 33.034, 25.536

Previews

White Background



This preview shows how the CIE LCh color 95, 26.841, 193.320 looks on a white background.

Color Contrast Check

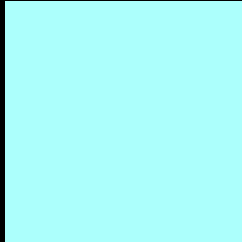
Large Text (above 18pt) WCAG AA × Fail

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, 26.841, 193.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

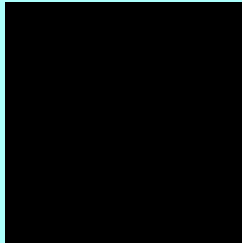
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 26.841, 193.320

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.841, 193.320.



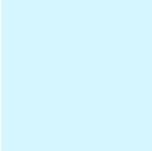
This preview shows how white text looks on a background with the CIELCh color 95, 26.841, 193.320.

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

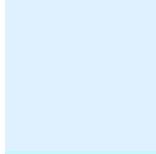
Trichromacy



Original Color
95, 26.463, 194.407



Protanomaly
94, 9.236, 202.079

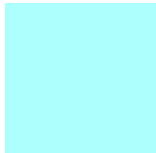


Deuteranomaly
94, 8.943, 247.749

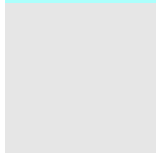


Tritanomaly
95, 16.881, 207.212

Monochromacy



Original Color
95, 26.463, 194.407



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.320, 195.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.841, 193.320 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(172, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 255, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.841, 193.320 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(172, 255, 252) }
```

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

```
.border{ border-color:rgb(172, 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(172, 255, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(172, 255,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.841, 193.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 255, 252) }
```

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

```
.background{ background-color: rgb(172,  
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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