

Converting Colors

CIELCh(95, 25.525, 193.726)

Have a look what the booklet for
CIELCh(95, 25.525, 193.726)
contains.

CIELCh(95, 25.736, 193.201)	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, 25.736, 193.201)

Conversions

Conversions Part 1

Format	Color
Hex	AFFFFB
RGB	175, 255, 251
RGB Percent	69%, 100%, 98%
CMY	0.3136, 0.0000, 0.0156
CMYK	0.31, 0.00, 0.02, 0.00
HSL	177°, 100%, 84%
HSV	177°, 31%, 100%
XYZ	70.8681, 87.6183, 104.4635
YIQ	230.6240, -46.3960, -18.2040

Conversions

Conversions Part 2

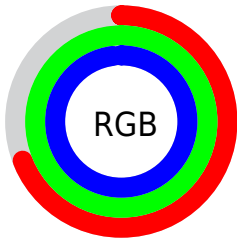
Format	Color
R_{YB}	175, 216, 255
Decimal	11534331
CIE Lab	95.00, -25.06, -5.88
CIE LCh	95, 25.736, 193.201
Yxy	87.6183, 0.2695, 0.3332
Android (android.graphics.Color)	4289724411 (0xFFAFFFB)
YUV	230.6240, 10.0454, -48.7822
Hunter-Lab	93.6047, -28.6657, -0.6448

Details

The CIELCh color **95, 25.736, 193.201** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.337, 18.342**, and the grayscale version is **91, 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, 32.561, 192.595**, and if you desaturate by 10%, it is **96, 18.123, 193.885**.

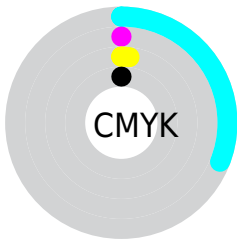
Distribution



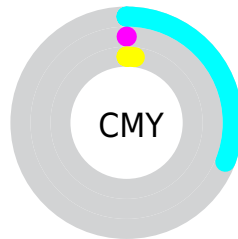
- Red (69%)
- Green (100%)
- Blue (98%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.736, 193.201 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, 25.736, 193.201 by changing the saturation by 10% instead.


 95, 25.736,
193.201


 95, 25.736,
193.201


 100, 25.736,
193.201


 85, 25.736,
193.201

 75, 25.736,
193.201

 65, 25.736,
193.201

 55, 25.736,
193.201

 45, 25.736,
193.201

 35, 25.736,
193.201

 25, 25.736,

193.201

■ 15, 25.736,
193.201

■ 5, 25.736, 193.201

■ 95, 25.736,
193.201

■ 95, 25.736,
193.201

■ 94, 32.561,
192.595

■ 96, 18.123,
193.885

■ 93, 38.487,
191.976

■ 98, 9.903, 194.576

■ 92, 43.387,
191.367

■ 100, 1.211,
195.724

■ 91, 47.188,
190.758

■ 100, 0.012,
296.813

■ 91, 49.878,
190.138

■ 91, 51.522,
189.493

■ 91, 52.282,
188.910

Harmonies

Complementary

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



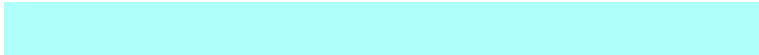
95, 25.736, 193.201



79, 31.337, 18.342

Rectangle

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



95, 25.736, 193.201



95, 25.736, 243.201



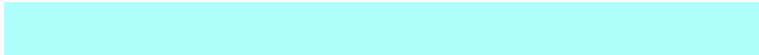
95, 25.736, 13.201



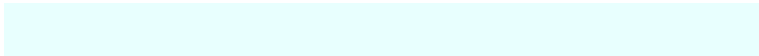
95, 25.736, 63.201

Sweetspot

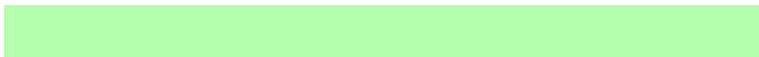
The Sweet Spot groups the original color and five complimentary colors.



95, 25.726, 193.229



98, 7.887, 194.751



94, 49.261, 141.017



52, 5.462, 194.642



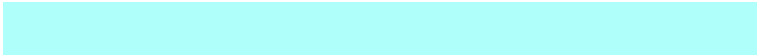
0, 0.000, 0.000



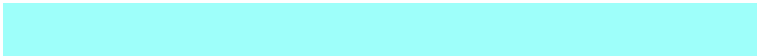
53, 0.007, 296.813

Same Dimension

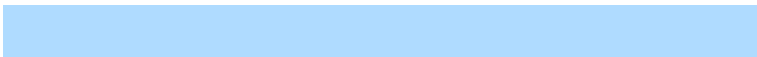
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.726, 193.229



94, 30.357, 192.806



86, 22.975, 254.658



52, 4.976, 194.712



70, 42.076, 189.032



24, 19.249, 189.884

Inverse Universe

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



79, 31.337, 18.342



75, 38.774, 19.351



87, 25.813, 66.180



49, 5.258, 15.924



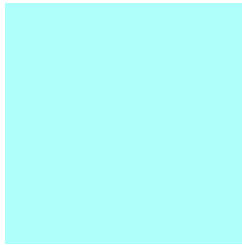
40, 82.132, 38.116



10, 32.967, 25.182

Previews

White Background



This preview shows how the CIE LCh color 95, 25.736, 193.201 looks on a white background.

Color Contrast Check

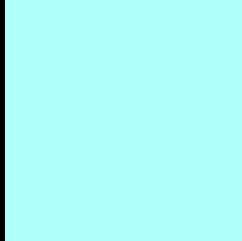
Large Text (above 18pt) WCAG AA × Fail

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, 25.736, 193.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

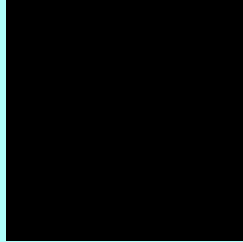
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

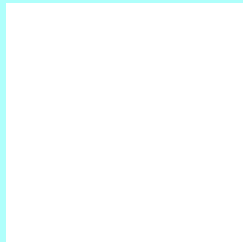
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.736, 193.201

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.736, 193.201.



This preview shows how white text looks on a background with the CIELCh color 95, 25.736, 193.201.

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



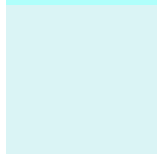


Tritanopia
95, 11.166, 226.392

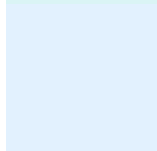
Trichromacy



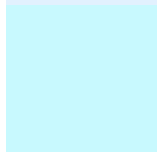
Original Color
95, 25.736, 193.201



Protanomaly
94, 8.904, 202.222



Deuteranomaly
94, 8.317, 252.926

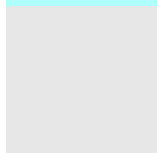


Tritanomaly
95, 16.275, 207.578

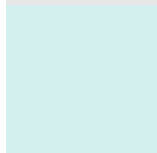
Monochromacy



Original Color
95, 25.736, 193.201



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.051, 192.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.736, 193.201 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.736, 193.201 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, 251) }
```

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

```
.border{ border-color:rgb(175, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(175, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.736, 193.201 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, 251) }
```

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

```
.background{ background-color: rgb(175,  
255, 251) }
```

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