

Converting Colors

CIELCh(100, 34.737, 175.327)

Have a look what the booklet for
CIELCh(100, 34.737, 175.327)
contains.

CIELCh(95, 26.098, 189.808)	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, 26.098, 189.808)

Conversions

Conversions Part 1

Format	Color
Hex	AFFFF8
RGB	175, 255, 248
RGB Percent	69%, 100%, 97%
CMY	0.3127, 0.0000, 0.0265
CMYK	0.31, 0.00, 0.03, 0.00
HSL	175°, 100%, 84%
HSV	175°, 31%, 100%
XYZ	70.5588, 87.6183, 102.2056
YIQ	230.2820, -45.4330, -19.1370

Conversions

Conversions Part 2

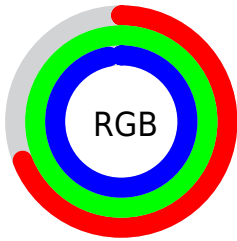
Format	Color
R_{YB}	175, 217, 255
Decimal	11534328
CIE _{Lab}	95.00, -25.72, -4.45
CIE _{LCh}	95, 26.098, 189.808
Yxy	87.6183, 0.2710, 0.3365
Android (android.graphics.Color)	4289724408 (0xFFAFF8)
YUV	230.2820, 8.7350, -48.4823
Hunter-Lab	93.6047, -29.2556, 0.7854

Details

The CIELCh color **95, 26.098, 189.808** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **79, 31.173, 15.651**, 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, 26.099, 190.256** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.016, 189.304**, and if you desaturate by 10%, it is **96, 18.240, 190.843**.

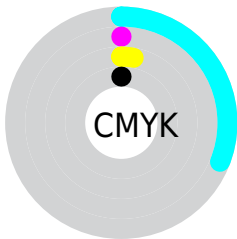
Distribution



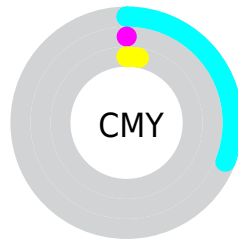
- Red (69%)
- Green (100%)
- Blue (97%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 26.098, 189.808 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, 26.098, 189.808 by changing the saturation by 10% instead.


 95, 26.098,
189.808


 95, 26.098,
189.808


 100, 26.098,
189.808


 85, 26.098,
189.808

 75, 26.098,
189.808

 65, 26.098,
189.808

 55, 26.098,
189.808

 45, 26.098,
189.808

 35, 26.098,
189.808

 25, 26.098,

189.808

■ 15, 26.098,
189.808

■ 5, 26.098, 189.808

■ 95, 26.098,
189.808

■ 95, 26.098,
189.808

■ 94, 33.016,
189.304

■ 96, 18.240,
190.843

■ 93, 39.159,
188.519

■ 98, 9.906, 191.625

■ 92, 44.300,
187.708

■ 100, 1.138,
192.878

■ 91, 48.357,
186.858

■ 100, 0.012,
296.813

■ 91, 51.312,
185.951

■ 91, 53.223,
184.970

■ 91, 54.219,
184.054

Harmonies

Complementary

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



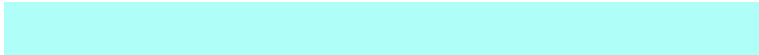
95, 26.098, 189.808



79, 31.173, 15.651

Rectangle

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



95, 26.098, 189.808



95, 26.098, 239.808



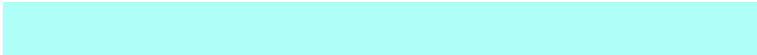
95, 26.098, 9.808



95, 26.098, 59.808

Sweetspot

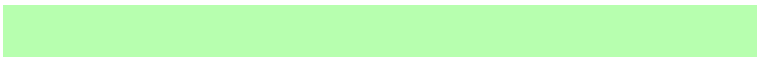
The Sweet Spot groups the original color and five complimentary colors.



95, 25.994, 190.075



98, 7.945, 191.812



94, 48.349, 139.786



52, 5.505, 191.692



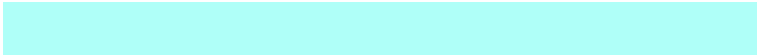
0, 0.000, 0.000



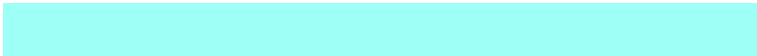
53, 0.007, 296.813

Same Dimension

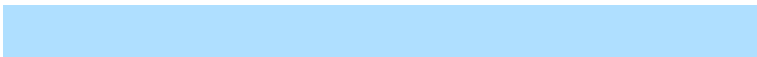
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.994, 190.075



94, 30.807, 189.557



87, 22.057, 248.345



52, 5.014, 191.770



70, 43.600, 184.248



23, 19.842, 185.608

Inverse Universe

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



79, 31.173, 15.651



75, 38.612, 16.708



87, 25.475, 60.724



50, 5.277, 13.114



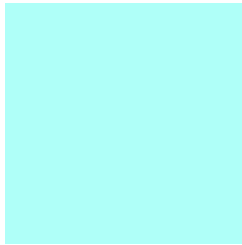
40, 80.692, 36.700



10, 32.709, 23.753

Previews

White Background



This preview shows how the CIE LCh color 95, 26.098, 189.808 looks on a white background.

Color Contrast Check

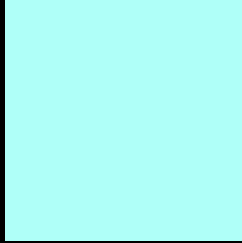
Large Text (above 18pt) WCAG AA × Fail

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, 26.098, 189.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

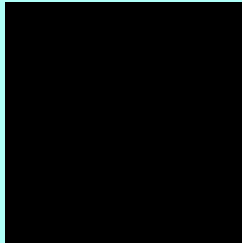
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

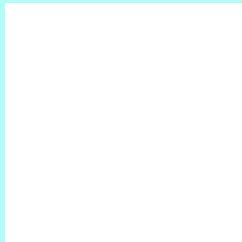
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 26.098, 189.808

Background



This preview shows how black text looks on a background with the CIELCh color 95, 26.098, 189.808.

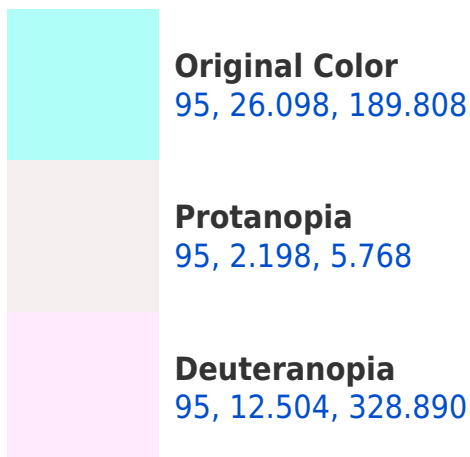


This preview shows how white text looks on a background with the CIELCh color 95, 26.098, 189.808.

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

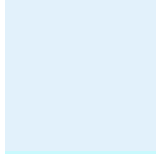
Trichromacy



Original Color
95, 26.098, 189.808



Protanomaly
94, 8.696, 192.096

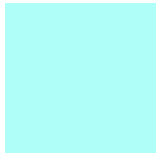


Deuteranomaly
94, 7.183, 245.093

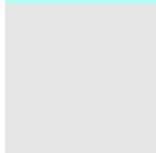


Tritanomaly
95, 15.942, 205.904

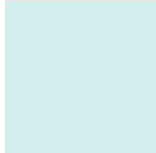
Monochromacy



Original Color
95, 26.098, 189.808



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.058, 192.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 26.098, 189.808 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(175, 255, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 255, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 26.098, 189.808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

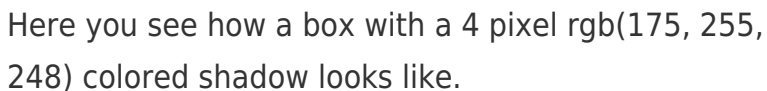
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 255, 248) }
```

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

```
.border{ border-color:rgb(175, 255, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 255, 248); box-shadow:4px 4px 4px 4px rgb(175, 255, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 26.098, 189.808 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, 248) }
```

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

```
.background{ background-color: rgb(175,  
255, 248) }
```

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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