

Converting Colors

CIELCh(95, 26.035, 181.368)

Have a look what the booklet for
CIELCh(95, 26.035, 181.368)
contains.

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Color

CIElCh(95, 25.858, 181.559)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFF1
RGB	180, 255, 241
RGB Percent	71%, 100%, 95%
CMY	0.2939, 0.0000, 0.0547
CMYK	0.29, 0.00, 0.05, 0.00
HSL	169°, 100%, 85%
HSV	169°, 29%, 100%
XYZ	70.4972, 87.6183, 96.4574
YIQ	230.9790, -40.2060, -20.2540

Conversions

Conversions Part 2

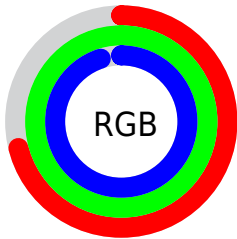
Format	Color
R_{YB}	180, 221, 255
Decimal	11862001
CIE _{Lab}	95.00, -25.85, -0.70
CIE _{LCh}	95, 25.858, 181.559
Y _{xy}	87.6183, 0.2769, 0.3442
Android (android.graphics.Color)	4290052081 (0xFFB4FFF1)
YUV	230.9790, 4.9404, -44.7086
Hunter-Lab	93.6047, -29.3732, 4.4263

Details

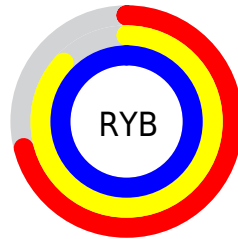
The CIELCh color **95, 25.858, 181.559** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 29.386, 7.601**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **75, 25.756, 181.551** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.634, 180.568**, and if you desaturate by 10%, it is **97, 17.428, 182.595**.

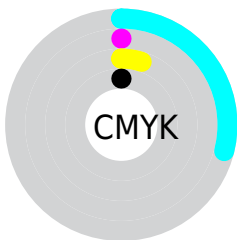
Distribution



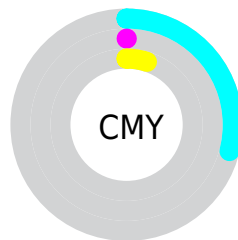
- Red (71%)
- Green (100%)
- Blue (95%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.858, 181.559 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, 25.858, 181.559 by changing the saturation by 10% instead.


 95, 25.858,
181.559


 95, 25.858,
181.559


 100, 25.858,
181.559


 85, 25.858,
181.559

 75, 25.858,
181.559

 65, 25.858,
181.559

 55, 25.858,
181.559

 45, 25.858,
181.559

 35, 25.858,
181.559

 25, 25.858,

181.559

■ 15, 25.858,
181.559

■ 5, 25.858, 181.559

■ 95, 25.858,
181.559

■ 95, 25.858,
181.559

■ 94, 33.634,
180.568

■ 97, 17.428,
182.595

■ 93, 40.679,
179.452

■ 98, 8.580, 183.557

■ 92, 46.821,
178.239

100, 0.012,
296.813

■ 91, 51.954,
176.907

■ 90, 56.025,
175.432

■ 90, 59.063,
173.793

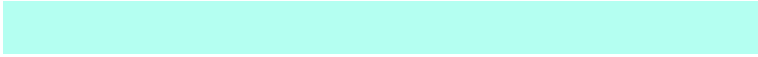
■ 90, 61.244,
172.005

■ 90, 61.367,
171.896

Harmonies

Complementary

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



95, 25.858, 181.559



81, 29.386, 7.601

Rectangle

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



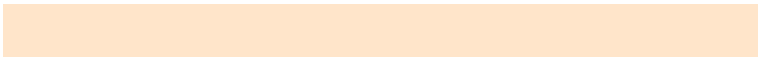
95, 25.858, 181.559



95, 25.858, 231.559



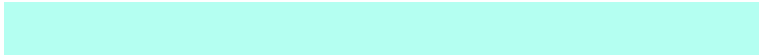
95, 25.858, 1.559



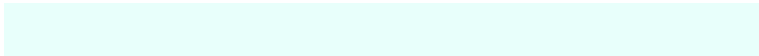
95, 25.858, 51.559

Sweetspot

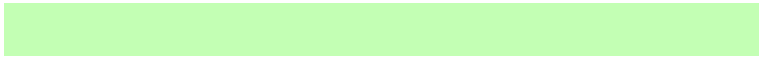
The Sweet Spot groups the original color and five complimentary colors.



95, 25.831, 181.609



98, 8.228, 183.595



94, 44.045, 137.247



52, 5.706, 183.453



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

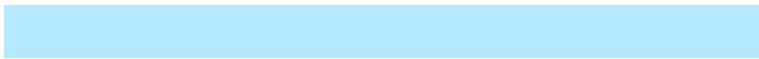
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.831, 181.609



94, 30.293, 181.033



89, 20.035, 234.494



52, 5.194, 183.546



69, 49.225, 172.233



23, 22.017, 174.643

Inverse Universe

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



81, 29.386, 7.601



77, 35.410, 8.471



86, 23.961, 49.787



50, 5.404, 5.144



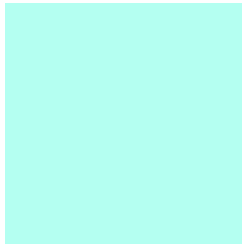
40, 75.639, 30.621



10, 32.066, 19.415

Previews

White Background



This preview shows how the CIE LCh color 95, 25.858, 181.559 looks on a white background.

Color Contrast Check

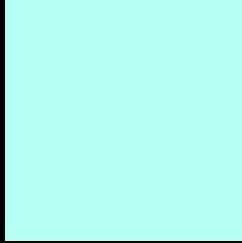
Large Text (above 18pt) WCAG AA × Fail

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, 25.858, 181.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

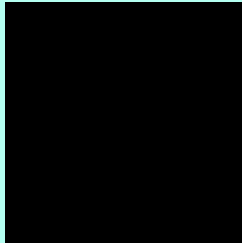
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

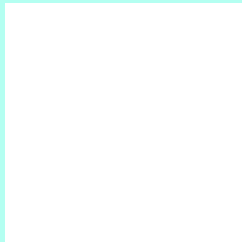
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.858, 181.559

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.858, 181.559.

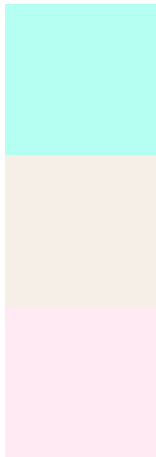


This preview shows how white text looks on a background with the CIELCh color 95, 25.858, 181.559.

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, 25.858, 181.559

Protanopia
95, 4.358, 74.627

Deuteranopia
95, 9.086, 345.606

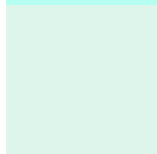


Tritanopia
95, 10.881, 227.192

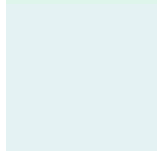
Trichromacy



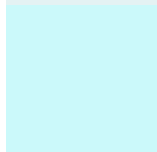
Original Color
95, 25.858, 181.559



Protanomaly
95, 9.616, 166.545



Deuteranomaly
95, 4.877, 205.279

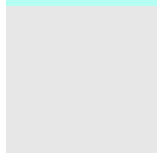


Tritanomaly
95, 15.329, 200.403

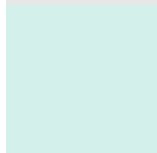
Monochromacy



Original Color
95, 25.858, 181.559



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.083, 183.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.858, 181.559 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(180, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 241)  
}
```

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(180, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.858, 181.559 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(180, 255, 241) }
```

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

```
.border{ border-color:rgb(180, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.858, 181.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 241) }
```

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

```
.background{ background-color: rgb(180,  
255, 241) }
```

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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