

Converting Colors

CIELCh(95, 25.483, 171.444)

Have a look what the booklet for
CIELCh(95, 25.483, 171.444)
contains.

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Color

CIELCh(95, 25.499, 171.434)

Conversions

Conversions Part 1

Format	Color
Hex	BBFEE8
RGB	187, 254, 232
RGB Percent	73%, 100%, 91%
CMY	0.2651, 0.0022, 0.0886
CMYK	0.26, 0.00, 0.09, 0.00
HSL	160°, 98%, 87%
HSV	160°, 26%, 100%
XYZ	70.7938, 87.6183, 89.8335
YIQ	231.4590, -32.8700, -21.0460

Conversions

Conversions Part 2

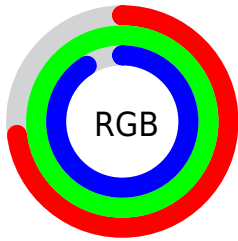
Format	Color
RYB	187, 227, 254
Decimal	12320488
CIELab	95.00, -25.21, 3.80
CIELCh	95, 25.499, 171.434
Yxy	87.6183, 0.2852, 0.3530
Android (android.graphics.Color)	4290510568 (0xFFBBFEE8)
YUV	231.4590, 0.2667, -38.9905
Hunter-Lab	93.6047, -28.8075, 8.6219

Details

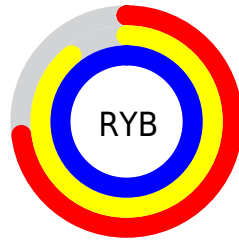
The CIELCh color **95, 25.499, 171.434** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 27.356, 356.837**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **75, 25.594, 171.092** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.581, 170.272**, and if you desaturate by 10%, it is **97, 16.005, 172.499**.

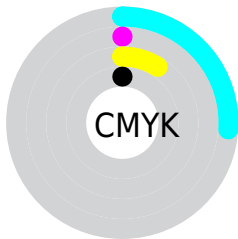
Distribution



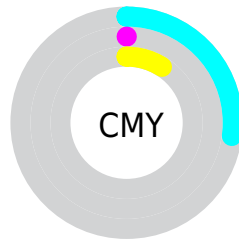
- Red (73%)
- Green (100%)
- Blue (91%)



- Red (73%)
- Yellow (89%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.499, 171.434 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, 25.499, 171.434 by changing the saturation by 10% instead.


 95, 25.499,
171.434


 95, 25.499,
171.434


 100, 25.499,
171.434


 85, 25.499,
171.434

 75, 25.499,
171.434

 65, 25.499,
171.434

 55, 25.499,
171.434

 45, 25.499,
171.434

 35, 25.499,
171.434

 25, 25.499,

171.434

■ 15, 25.499,
171.434

■ 5, 25.499, 171.434

■ 95, 25.499,
171.434

■ 95, 25.499,
171.434

■ 94, 34.581,
170.272

■ 97, 16.005,
172.499

■ 92, 43.079,
168.995

■ 99, 6.251, 173.526

■ 91, 50.828,
167.574

100, 0.365,
323.606

■ 90, 57.685,
165.983

■ 90, 63.554,
164.199

■ 89, 68.416,
162.205

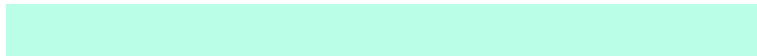
■ 89, 72.351,
160.010

■ 89, 73.655,
159.193

Harmonies

Complementary

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



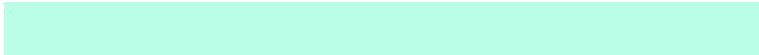
95, 25.499, 171.434



83, 27.356, 356.837

Rectangle

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



95, 25.499, 171.434



95, 25.499, 221.434



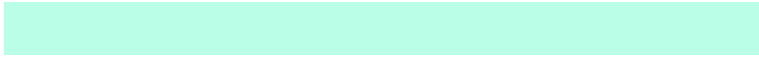
95, 25.499, 351.434



95, 25.499, 41.434

Sweetspot

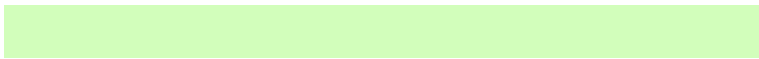
The Sweet Spot groups the original color and five complimentary colors.



95, 25.500, 171.432



98, 7.896, 173.351



95, 37.855, 133.444



52, 5.607, 173.197



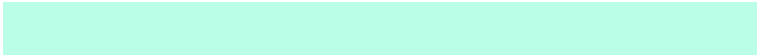
0, 0.000, 0.000



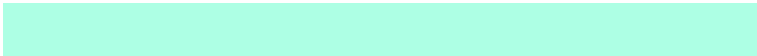
53, 0.007, 296.813

Same Dimension

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



95, 25.500, 171.432



94, 30.756, 170.788



93, 18.766, 216.368



52, 5.607, 173.197



69, 59.011, 159.612



23, 25.834, 162.688

Inverse Universe

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



83, 27.356, 356.837



79, 33.523, 357.616



85, 22.573, 35.843



50, 5.749, 354.868



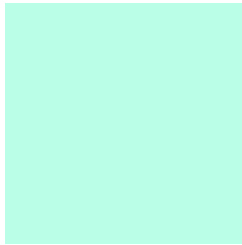
40, 69.792, 18.650



10, 31.361, 10.678

Previews

White Background



This preview shows how the CIE LCh color 95, 25.499, 171.434 looks on a white background.

Color Contrast Check

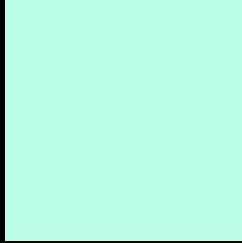
Large Text (above 18pt) WCAG AA × Fail

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, 25.499, 171.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

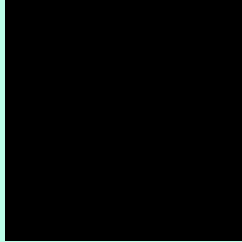
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

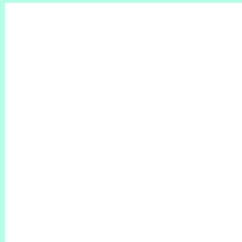
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.499, 171.434

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.499, 171.434.

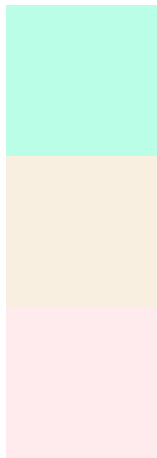


This preview shows how white text looks on a background with the CIELCh color 95, 25.499, 171.434.

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](#).

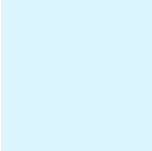
Dichromacy



Original Color
95, 25.499, 171.434

Protanopia
95, 8.334, 86.381

Deuteranopia
95, 7.339, 7.755

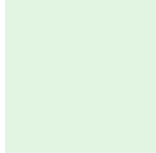


Tritanopia
95, 10.034, 229.868

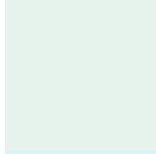
Trichromacy



Original Color
95, 25.499, 171.434



Protanomaly
95, 11.504, 145.448

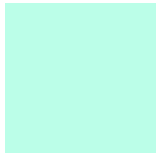


Deuteranomaly
94, 5.261, 163.331

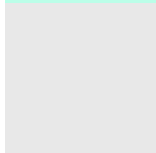


Tritanomaly
95, 13.514, 196.392

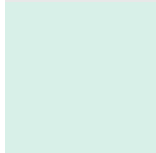
Monochromacy



Original Color
95, 25.499, 171.434



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.415, 172.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.499, 171.434 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(187, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(187, 254, 232)  
}
```

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(187, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 254, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.499, 171.434 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(187, 254, 232) }
```

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

```
.border{ border-color:rgb(187, 254, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 254, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(187, 254,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.499, 171.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 254, 232) }
```

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

```
.background{ background-color: rgb(187,  
254, 232) }
```

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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