

Converting Colors

CIELCh(100, 65.320, 279.991)

Have a look what the booklet for
CIELCh(100, 65.320, 279.991)
contains.

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Color

CIELCh(95, 21.351, 199.490)

Conversions

Conversions Part 1

Format	Color
Hex	BBFDDE
RGB	187, 253, 254
RGB Percent	73%, 99%, 100%
CMY	0.2682, 0.0095, 0.0056
CMYK	0.26, 0.00, 0.00, 0.01
HSL	181°, 96%, 86%
HSV	181°, 26%, 99%
XYZ	73.2043, 87.6183, 106.4561
YIQ	233.3800, -39.6570, -13.6810

Conversions

Conversions Part 2

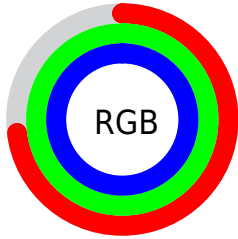
Format	Color
RYB	187, 220, 254
Decimal	12320254
CIELab	95.00, -20.13, -7.12
CIELCh	95, 21.351, 199.490
Yxy	87.6183, 0.2739, 0.3278
Android (android.graphics.Color)	4290510334 (0xFFBBFD FE)
YUV	233.3800, 10.1657, -40.6753
Hunter-Lab	93.6047, -24.2107, -1.9070

Details

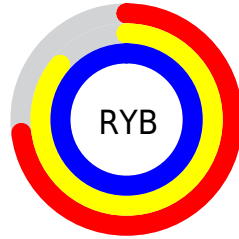
The CIELCh color **95, 21.351, 199.490** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 25.602, 22.636**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **75, 21.206, 199.301** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.252, 199.122**, and if you desaturate by 10%, it is **97, 13.722, 199.921**.

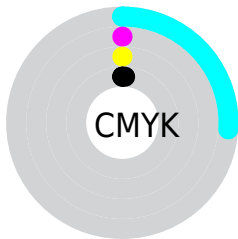
Distribution



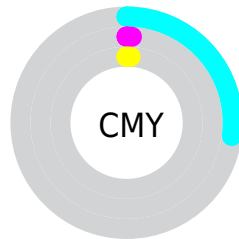
- Red (73%)
- Green (99%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (27%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 21.351, 199.490 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, 21.351, 199.490 by changing the saturation by 10% instead.

 95, 21.351,
199.490


 95, 21.351,
199.490


 100, 21.351,
199.490


 85, 21.351,
199.490

 75, 21.351,
199.490

 65, 21.351,
199.490

 55, 21.351,
199.490

 45, 21.351,
199.490

 35, 21.351,
199.490

 25, 21.351,

199.490

■ 15, 21.351,
199.490

■ 5, 21.351, 199.490

■ 95, 21.351,
199.490

■ 95, 21.351,
199.490

■ 94, 28.252,
199.122

■ 97, 13.722,
199.921

■ 93, 34.282,
198.835

■ 98, 5.507, 200.464

100, 0.457, 26.657

■ 92, 39.319,
198.629

100, 0.405, 57.473

■ 91, 43.278,
198.512

100, 0.478, 86.783

■ 90, 46.123,
198.487

100, 0.635,
104.950

■ 90, 47.888,
198.555

100, 0.715,
110.016

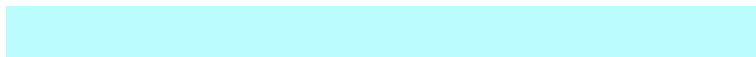
■ 90, 48.689,
198.710

■ 90, 48.837,
198.779

Harmonies

Complementary

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



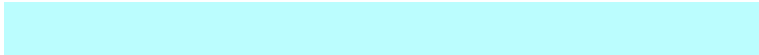
95, 21.351, 199.490



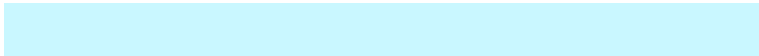
82, 25.602, 22.636

Rectangle

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



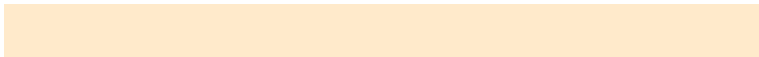
95, 21.351, 199.490



95, 21.351, 249.490



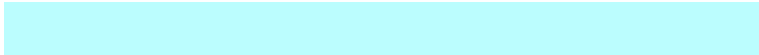
95, 21.351, 19.490



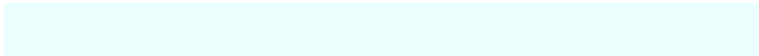
95, 21.351, 69.490

Sweetspot

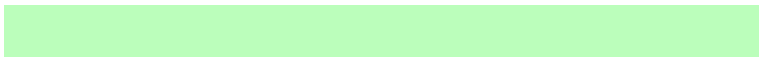
The Sweet Spot groups the original color and five complimentary colors.



95, 21.352, 199.486



98, 6.880, 200.362



94, 42.015, 142.630



52, 4.870, 200.274



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

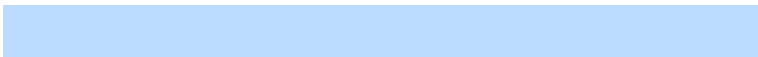
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 21.352, 199.486



95, 25.424, 199.273



86, 20.258, 259.486



52, 4.870, 200.274



69, 39.518, 198.737



23, 18.226, 198.449

Inverse Universe

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



84, 41.604, 326.298



81, 50.521, 326.601



90, 21.786, 72.106



50, 8.966, 325.348



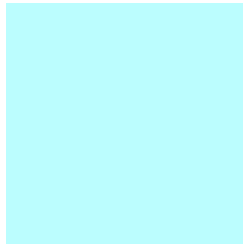
45, 92.000, 328.835



12, 42.384, 328.761

Previews

White Background



This preview shows how the CIE LCh color 95, 21.351, 199.490 looks on a white background.

Color Contrast Check

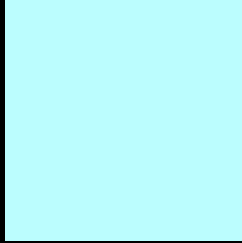
Large Text (above 18pt) WCAG AA × Fail

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, 21.351, 199.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

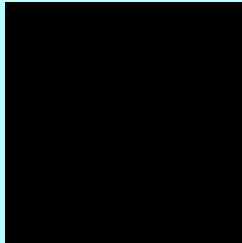
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

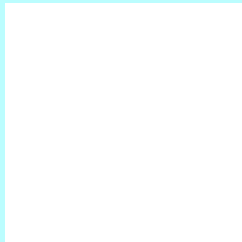
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 21.351, 199.490

Background



This preview shows how black text looks on a background with the CIELCh color 95, 21.351, 199.490.



This preview shows how white text looks on a background with the CIELCh color 95, 21.351, 199.490.

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



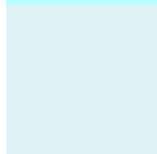


Tritanopia
95, 10.315, 228.926

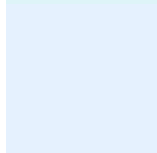
Trichromacy



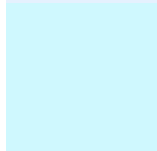
Original Color
95, 21.359, 199.487



Protanomaly
95, 7.756, 214.429



Deuteranomaly
95, 7.763, 258.923

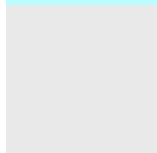


Tritanomaly
95, 13.891, 211.494

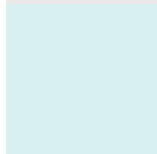
Monochromacy



Original Color
95, 21.359, 199.487



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.271, 198.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 21.351, 199.490 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, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 253, 254)  
}
```

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, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 21.351, 199.490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

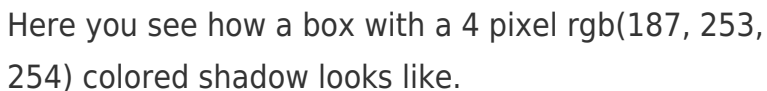
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 253, 254) }
```

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

```
.border{ border-color:rgb(187, 253, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 253, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 253, 254); box-shadow:4px 4px 4px 4px rgb(187, 253, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 21.351, 199.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 253, 254) }
```

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

```
.background{ background-color: rgb(187,  
253, 254) }
```

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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