

Converting Colors

CIELCh(95, 31.727, 159.090)

Have a look what the booklet for
CIELCh(95, 31.727, 159.090)
contains.

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Color

CIELCh(95, 30.946, 159.651)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFDB
RGB	186, 255, 219
RGB Percent	73%, 100%, 86%
CMY	0.2711, 0.0000, 0.1417
CMYK	0.27, 0.00, 0.14, 0.00
HSL	149°, 100%, 86%
HSV	149°, 27%, 100%
XYZ	69.0279, 87.6183, 80.1964
YIQ	230.2650, -29.5680, -25.8240

Conversions

Conversions Part 2

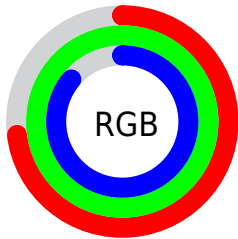
Format	Color
RYB	186, 233, 255
Decimal	12255195
CIELab	95.00, -29.01, 10.76
CIELCh	95, 30.946, 159.651
Yxy	87.6183, 0.2915, 0.3699
Android (android.graphics.Color)	4290445275 (0xFFBAFFDB)
YUV	230.2650, -5.5536, -38.8204
Hunter-Lab	93.6047, -32.1749, 14.7262

Details

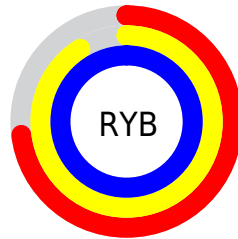
The CIELCh color **95, 30.946, 159.651** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 31.365, 344.893**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **75, 30.404, 160.065** is the 20% darker color. If you saturate the color by 10%, you get **93, 41.286, 158.849**, and if you desaturate by 10%, it is **97, 19.283, 160.997**.

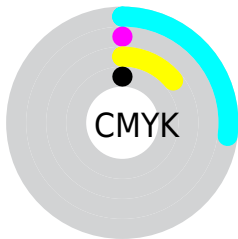
Distribution



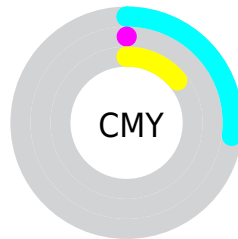
- Red (73%)
- Green (100%)
- Blue (86%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 30.946, 159.651 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, 30.946, 159.651 by changing the saturation by 10% instead.


 95, 30.946,
159.651


 95, 30.946,
159.651


 100, 30.946,
159.651


 85, 30.946,
159.651

 75, 30.946,
159.651

 65, 30.946,
159.651

 55, 30.946,
159.651

 45, 30.946,
159.651

 35, 30.946,
159.651

 25, 30.946,

159.651

■ 15, 30.946,
159.651

■ 5, 30.946, 159.651

■ 95, 30.946,
159.651

■ 95, 30.946,
159.651

■ 93, 41.286,
158.849

■ 97, 19.283,
160.997

■ 92, 51.656,
157.562

■ 98, 8.010, 161.928

■ 91, 61.345,
156.098

100, 0.012,
296.813

■ 90, 70.170,
154.434

■ 89, 77.995,
152.554

■ 89, 84.760,
150.462

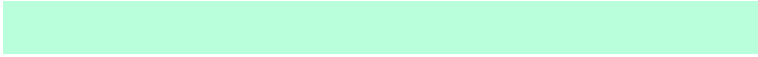
■ 88, 90.515,
148.195

■ 88, 92.058,
147.547

Harmonies

Complementary

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



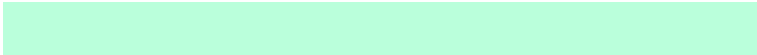
95, 30.946, 159.651



83, 31.365, 344.893

Rectangle

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



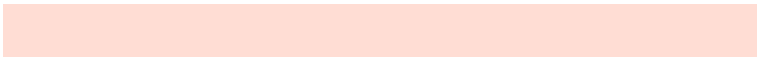
95, 30.946, 159.651



95, 30.946, 209.651



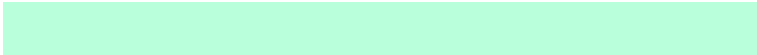
95, 30.946, 339.651



95, 30.946, 29.651

Sweetspot

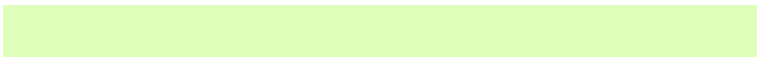
The Sweet Spot groups the original color and five complimentary colors.



95, 30.431, 159.985



98, 9.010, 161.845



96, 36.986, 126.599



52, 6.405, 161.707



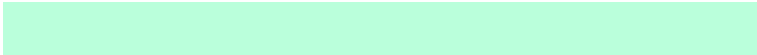
0, 0.000, 0.000



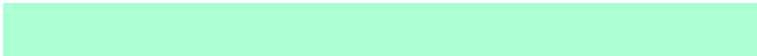
53, 0.007, 296.813

Same Dimension

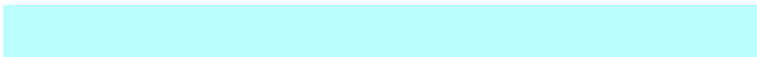
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 30.431, 159.985



94, 36.868, 159.333



96, 22.477, 194.987



52, 6.405, 161.707



68, 73.483, 147.976



23, 31.658, 151.196

Inverse Universe

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



83, 31.365, 344.893



79, 38.221, 345.535



82, 26.742, 19.041



50, 6.481, 343.193



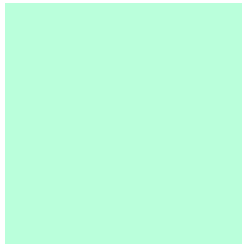
41, 68.543, 359.971



11, 32.101, 354.727

Previews

White Background



This preview shows how the CIE LCh color 95, 30.946, 159.651 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, 30.946, 159.651 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

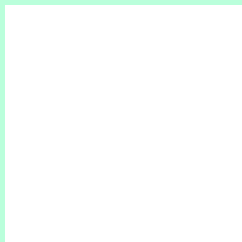
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 30.946, 159.651

Background



This preview shows how black text looks on a background with the CIELCh color 95, 30.946, 159.651.

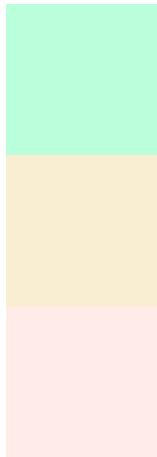


This preview shows how white text looks on a background with the CIELCh color 95, 30.946, 159.651.

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, 30.349, 160.036

Protanopia
94, 15.013, 91.692

Deuteranopia
95, 7.523, 35.569

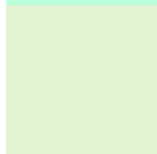


Tritanopia
95, 10.559, 231.455

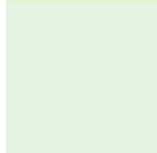
Trichromacy



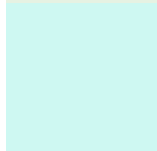
Original Color
95, 30.349, 160.036



Protanomaly
94, 17.075, 130.194



Deuteranomaly
94, 8.848, 138.557

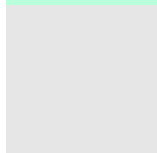


Tritanomaly
95, 14.663, 186.306

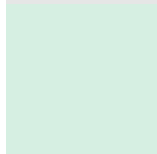
Monochromacy



Original Color
95, 30.349, 160.036



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 11.162, 161.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 30.946, 159.651 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(186, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 219)  
}
```

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(186, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 30.946, 159.651 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(186, 255, 219) }
```

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

```
.border{ border-color:rgb(186, 255, 219) }
```

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

Here you see how a box with a 4 pixel rgb(186, 255, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 30.946, 159.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 219) }
```

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

```
.background{ background-color: rgb(186,  
255, 219) }
```

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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