

Converting Colors

CIELCh(95, 30.263, 161.111)

Have a look what the booklet for
CIELCh(95, 30.263, 161.111)
contains.

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Color

CIElCh(95, 29.671, 161.534)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFDE
RGB	187, 255, 222
RGB Percent	73%, 100%, 87%
CMY	0.2685, 0.0000, 0.1313
CMYK	0.27, 0.00, 0.13, 0.00
HSL	151°, 100%, 87%
HSV	151°, 27%, 100%
XYZ	69.4302, 87.6183, 82.0257
YIQ	230.9060, -29.9350, -24.6790

Conversions

Conversions Part 2

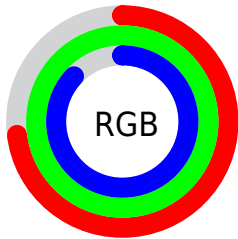
Format	Color
RYB	187, 232, 255
Decimal	12320734
CIELab	95.00, -28.14, 9.40
CIELCh	95, 29.671, 161.534
Yxy	87.6183, 0.2904, 0.3665
Android (android.graphics.Color)	4290510814 (0xFFBBFFDE)
YUV	230.9060, -4.3907, -38.5056
Hunter-Lab	93.6047, -31.4077, 13.5675

Details

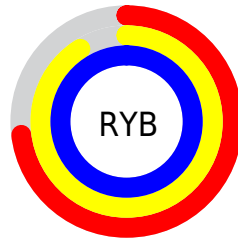
The CIELCh color **95, 29.671, 161.534** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 30.423, 346.766**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **75, 29.075, 162.120** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.898, 160.617**, and if you desaturate by 10%, it is **97, 18.517, 162.792**.

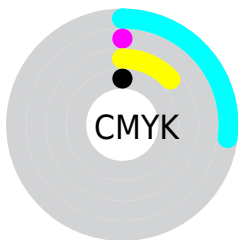
Distribution



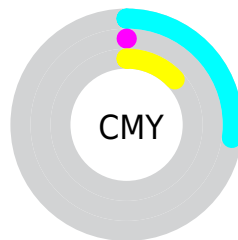
- Red (73%)
- Green (100%)
- Blue (87%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 29.671, 161.534 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, 29.671, 161.534 by changing the saturation by 10% instead.


 95, 29.671,
161.534


 95, 29.671,
161.534


 100, 29.671,
161.534


 85, 29.671,
161.534

 75, 29.671,
161.534

 65, 29.671,
161.534

 55, 29.671,
161.534

 45, 29.671,
161.534

 35, 29.671,
161.534

 25, 29.671,

161.534

■ 15, 29.671,
161.534

■ 5, 29.671, 161.534

■ 95, 29.671,
161.534

■ 95, 29.671,
161.534

■ 93, 39.898,
160.617

■ 97, 18.517,
162.792

■ 92, 49.942,
159.323

■ 99, 7.532, 163.744

■ 91, 59.302,
157.856

100, 0.012,
296.813

■ 90, 67.806,
156.192

■ 89, 75.324,
154.312

■ 89, 81.806,
152.216

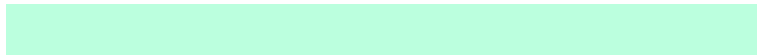
■ 89, 87.307,
149.934

■ 89, 88.913,
149.218

Harmonies

Complementary

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



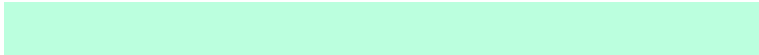
95, 29.671, 161.534



83, 30.423, 346.766

Rectangle

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



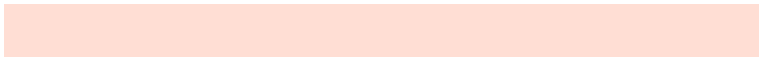
95, 29.671, 161.534



95, 29.671, 211.534



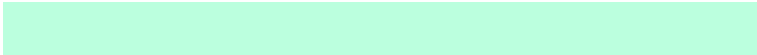
95, 29.671, 341.534



95, 29.671, 31.534

Sweetspot

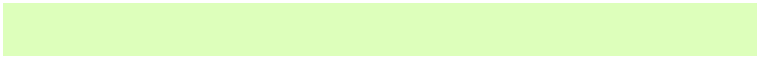
The Sweet Spot groups the original color and five complimentary colors.



95, 29.361, 161.764



98, 8.793, 163.635



96, 36.935, 127.814



52, 6.250, 163.493



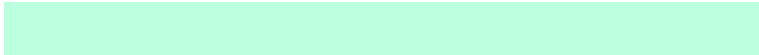
0, 0.000, 0.000



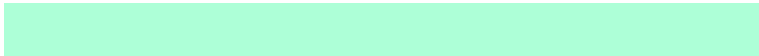
53, 0.007, 296.813

Same Dimension

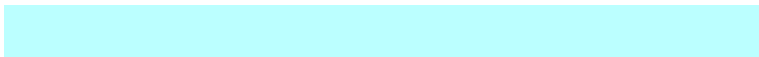
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 29.361, 161.764



94, 34.833, 161.190



96, 22.117, 198.055



52, 6.250, 163.493



68, 70.983, 149.652



23, 30.631, 152.886

Inverse Universe

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



83, 30.423, 346.766



80, 36.324, 347.352



82, 26.570, 21.572



50, 6.335, 345.021



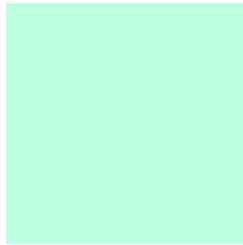
41, 68.142, 3.181



10, 31.768, 357.408

Previews

White Background



This preview shows how the CIE LCh color 95, 29.671, 161.534 looks on a white background.

Color Contrast Check

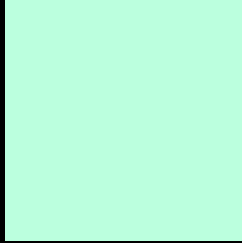
Large Text (above 18pt) WCAG AA × Fail

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, 29.671, 161.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

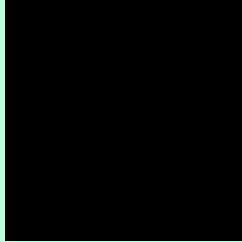
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 29.671, 161.534

Background



This preview shows how black text looks on a background with the CIELCh color 95, 29.671, 161.534.

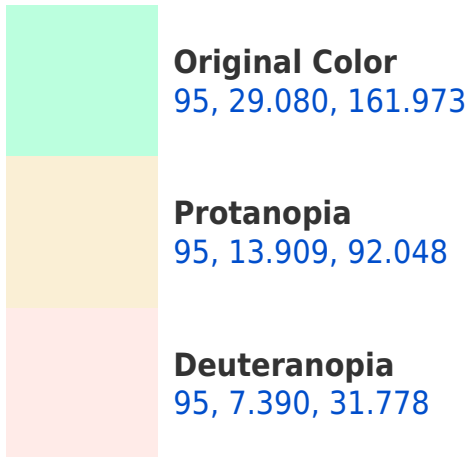


This preview shows how white text looks on a background with the CIELCh color 95, 29.671, 161.534.

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



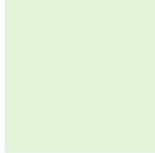


Tritanopia
95, 10.287, 232.440

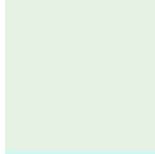
Trichromacy



Original Color
95, 29.080, 161.973



Protanomaly
95, 16.260, 132.672



Deuteranomaly
94, 8.401, 140.244

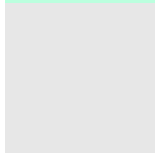


Tritanomaly
95, 14.209, 188.066

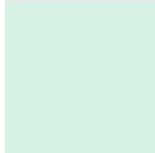
Monochromacy



Original Color
95, 29.080, 161.973



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.834, 163.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 29.671, 161.534 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, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 222)  
}
```

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, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 29.671, 161.534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

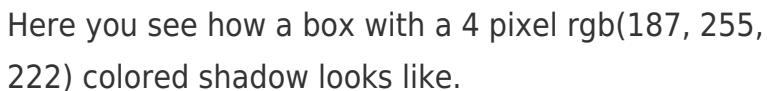
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 255, 222) }
```

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

```
.border{ border-color:rgb(187, 255, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 29.671, 161.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 222) }
```

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

```
.background{ background-color: rgb(187,  
255, 222) }
```

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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