

Converting Colors

CIELCh(100, 38.957, 165.103)

Have a look what the booklet for
CIELCh(100, 38.957, 165.103)
contains.

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Color

CIELCh(95, 28.530, 175.302)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFEB
RGB	177, 255, 235
RGB Percent	69%, 100%, 92%
CMY	0.3054, 0.0000, 0.0779
CMYK	0.31, 0.00, 0.08, 0.00
HSL	165°, 100%, 85%
HSV	165°, 31%, 100%
XYZ	69.2958, 87.6183, 91.9494
YIQ	229.3980, -40.0680, -22.7560

Conversions

Conversions Part 2

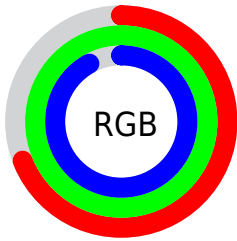
Format	Color
RYB	177, 222, 255
Decimal	11665387
CIELab	95.00, -28.43, 2.34
CIElCh	95, 28.530, 175.302
Yxy	87.6183, 0.2784, 0.3521
Android (android.graphics.Color)	4289855467 (0xFFB1FFEB)
YUV	229.3980, 2.7618, -45.9530
Hunter-Lab	93.6047, -31.6641, 7.2817

Details

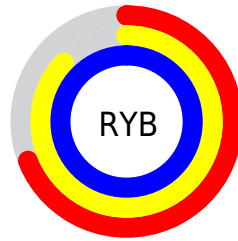
The CIELCh color **95, 28.530, 175.302** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 31.125, 2.624**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **75, 28.013, 175.696** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.205, 174.981**, and if you desaturate by 10%, it is **96, 19.150, 177.204**.

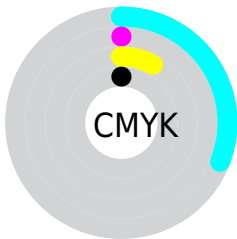
Distribution



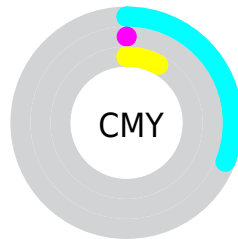
- Red (69%)
- Green (100%)
- Blue (92%)



- Red (69%)
- Yellow (87%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 28.530, 175.302 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, 28.530, 175.302 by changing the saturation by 10% instead.


 95, 28.530,
175.302


 95, 28.530,
175.302


 100, 28.530,
175.302


 85, 28.530,
175.302

 75, 28.530,
175.302

 65, 28.530,
175.302

 55, 28.530,
175.302

 45, 28.530,
175.302

 35, 28.530,
175.302

 25, 28.530,

175.302

■ 15, 28.530,
175.302

■ 5, 28.530, 175.302

■ 95, 28.530,
175.302

■ 95, 28.530,
175.302

■ 93, 36.205,
174.981

■ 96, 19.150,
177.204

■ 92, 43.742,
173.721

■ 98, 9.956, 178.220

■ 91, 50.416,
172.331

100, 0.514,
180.242

■ 91, 56.111,
170.783

100, 0.012,
296.813

■ 90, 60.774,
169.055

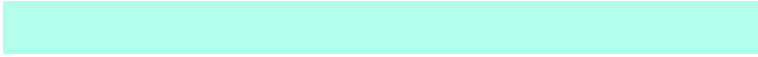
■ 90, 64.434,
167.132

■ 90, 67.158,
165.171

Harmonies

Complementary

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



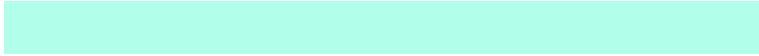
95, 28.530, 175.302



80, 31.125, 2.624

Rectangle

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



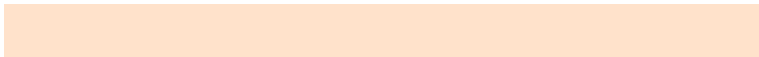
95, 28.530, 175.302



95, 28.530, 225.302



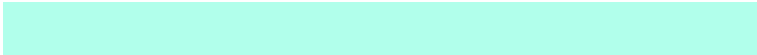
95, 28.530, 355.302



95, 28.530, 45.302

Sweetspot

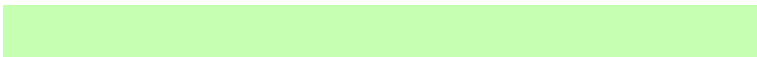
The Sweet Spot groups the original color and five complimentary colors.



95, 27.953, 176.135



98, 8.510, 178.378



95, 44.829, 135.255



52, 5.905, 178.230



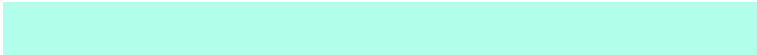
0, 0.000, 0.000



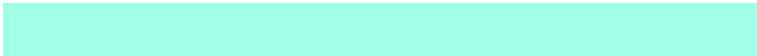
53, 0.007, 296.813

Same Dimension

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



95, 27.953, 176.135



94, 33.353, 175.401



90, 20.850, 225.433



52, 5.373, 178.326



69, 53.785, 165.562



23, 23.787, 168.385

Inverse Universe

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



80, 31.125, 2.624



76, 38.059, 3.638



84, 25.664, 42.625



50, 5.549, 359.994



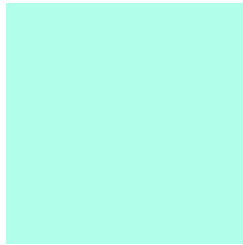
40, 72.403, 25.187



10, 31.672, 15.677

Previews

White Background



This preview shows how the CIE LCh color 95, 28.530, 175.302 looks on a white background.

Color Contrast Check

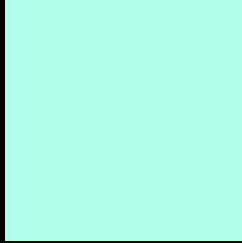
Large Text (above 18pt) WCAG AA × Fail

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, 28.530, 175.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

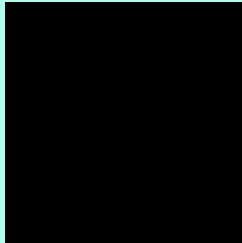
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

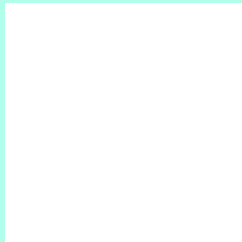
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 28.530, 175.302

Background



This preview shows how black text looks on a background with the CIELCh color 95, 28.530, 175.302.

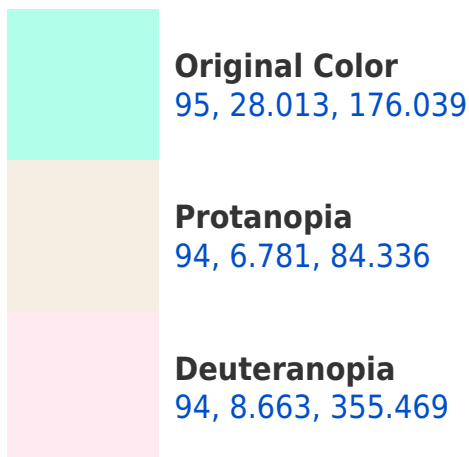


This preview shows how white text looks on a background with the CIELCh color 95, 28.530, 175.302.

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



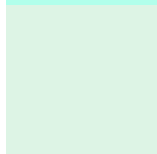


Tritanopia
94, 11.388, 228.793

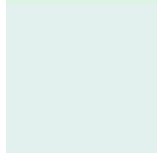
Trichromacy



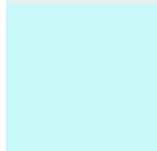
Original Color
95, 28.013, 176.039



Protanomaly
94, 11.275, 155.626



Deuteranomaly
94, 5.157, 181.758

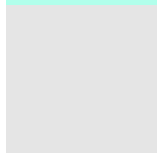


Tritanomaly
94, 15.685, 198.441

Monochromacy



Original Color
95, 28.013, 176.039



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.461, 178.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 28.530, 175.302 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(177, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 235)  
}
```

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(177, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 28.530, 175.302 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(177, 255, 235) }
```

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

```
.border{ border-color:rgb(177, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(177, 255,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 28.530, 175.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 235) }
```

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

```
.background{ background-color: rgb(177,  
255, 235) }
```

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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