

Converting Colors

CIELCh(100, 38.256, 163.706)

Have a look what the booklet for
CIELCh(100, 38.256, 163.706)
contains.

CIELCh(95, 27.964, 173.730)	3
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Color

CIELCh(95, 27.964, 173.730)

Conversions

Conversions Part 1

Format	Color
Hex	B4FFEA
RGB	180, 255, 234
RGB Percent	71%, 100%, 92%
CMY	0.2951, 0.0000, 0.0833
CMYK	0.30, 0.00, 0.08, 0.00
HSL	163°, 100%, 85%
HSV	163°, 30%, 100%
XYZ	69.5907, 87.6183, 90.9067
YIQ	230.1810, -37.9590, -22.4310

Conversions

Conversions Part 2

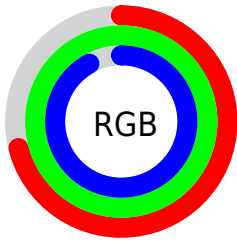
Format	Color
RYB	180, 224, 255
Decimal	11861994
CIELab	95.00, -27.80, 3.05
CIELCh	95, 27.964, 173.730
Yxy	87.6183, 0.2805, 0.3531
Android (android.graphics.Color)	4290052074 (0xFFB4FFEA)
YUV	230.1810, 1.8828, -44.0087
Hunter-Lab	93.6047, -31.1018, 7.9422

Details

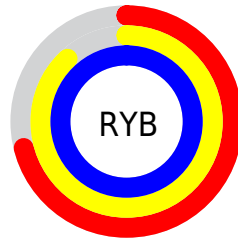
The CIELCh color **95, 27.964, 173.730** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 30.284, 0.516**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **75, 27.479, 174.093** is the 20% darker color. If you saturate the color by 10%, you get **93, 36.099, 173.111**, and if you desaturate by 10%, it is **96, 18.517, 175.358**.

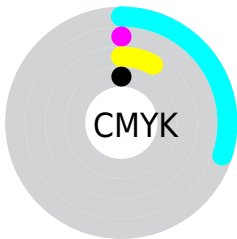
Distribution



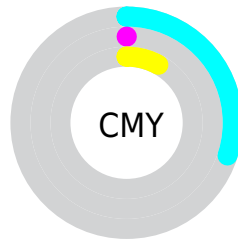
- Red (71%)
- Green (100%)
- Blue (92%)



- Red (71%)
- Yellow (88%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 27.964, 173.730 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, 27.964, 173.730 by changing the saturation by 10% instead.


 95, 27.964,
173.730


 95, 27.964,
173.730


 100, 27.964,
173.730


 85, 27.964,
173.730

 75, 27.964,
173.730

 65, 27.964,
173.730

 55, 27.964,
173.730

 45, 27.964,
173.730

 35, 27.964,
173.730

 25, 27.964,

173.730

■ 15, 27.964,
173.730

■ 5, 27.964, 173.730

■ 95, 27.964,
173.730

■ 95, 27.964,
173.730

■ 93, 36.099,
173.111

■ 96, 18.517,
175.358

■ 92, 43.961,
171.830

■ 98, 9.122, 176.382

■ 91, 50.993,
170.411

100, 0.012,
296.813

■ 91, 57.072,
168.827

■ 90, 62.130,
167.056

■ 90, 66.185,
165.083

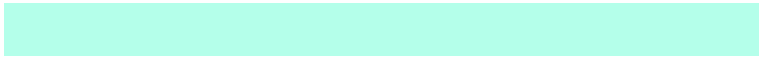
■ 89, 69.408,
162.942

■ 89, 69.559,
162.838

Harmonies

Complementary

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



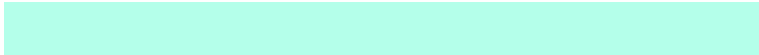
95, 27.964, 173.730



81, 30.284, 0.516

Rectangle

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



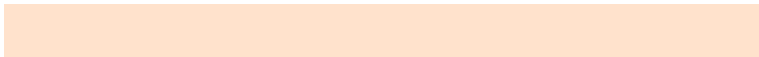
95, 27.964, 173.730



95, 27.964, 223.730



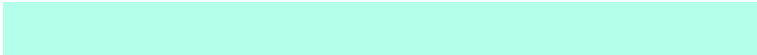
95, 27.964, 353.730



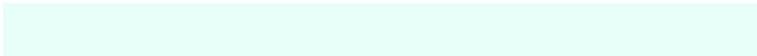
95, 27.964, 43.730

Sweetspot

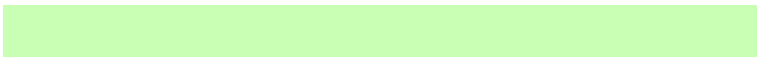
The Sweet Spot groups the original color and five complimentary colors.



95, 27.563, 174.279



98, 8.638, 176.434



95, 43.100, 134.816



52, 5.995, 176.285



0, 0.000, 0.000



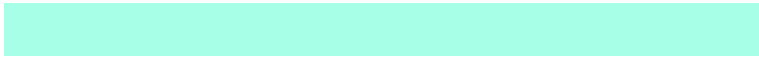
53, 0.007, 296.813

Same Dimension

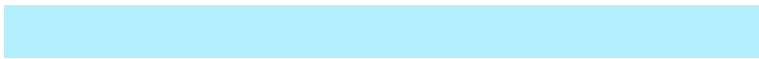
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 27.563, 174.279



94, 32.325, 173.650



91, 20.321, 223.079



52, 5.455, 176.382



69, 55.678, 163.242



23, 24.526, 166.177

Inverse Universe

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



81, 30.284, 0.516



77, 36.186, 1.341



84, 24.900, 40.909



50, 5.617, 358.059



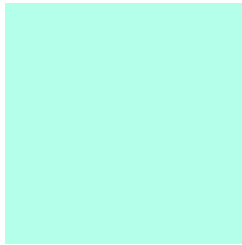
40, 71.322, 22.850



10, 31.538, 13.960

Previews

White Background



This preview shows how the CIE LCh color 95, 27.964, 173.730 looks on a white background.

Color Contrast Check

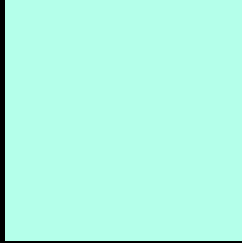
Large Text (above 18pt) WCAG AA × Fail

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, 27.964, 173.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

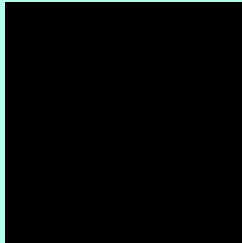
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

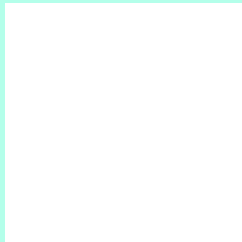
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 27.964, 173.730

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.964, 173.730.

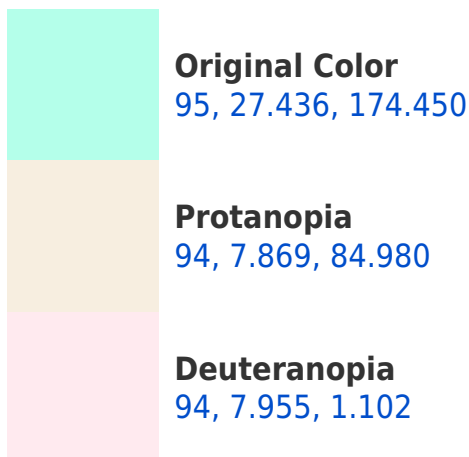


This preview shows how white text looks on a background with the CIELCh color 95, 27.964, 173.730.

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, 11.166, 226.392

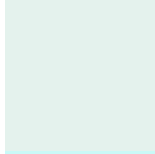
Trichromacy



Original Color
95, 27.436, 174.450



Protanomaly
94, 11.157, 151.352



Deuteranomaly
94, 5.575, 171.694

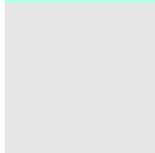


Tritanomaly
95, 15.797, 194.680

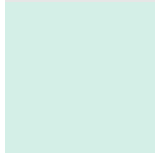
Monochromacy



Original Color
95, 27.436, 174.450



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 10.354, 175.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.964, 173.730 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(180, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 234)  
}
```

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(180, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.964, 173.730 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(180, 255, 234) }
```

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

```
.border{ border-color:rgb(180, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.964, 173.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 234) }
```

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

```
.background{ background-color: rgb(180,  
255, 234) }
```

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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