

Converting Colors

CIELCh(95, 27.640, 172.403)

Have a look what the booklet for
CIELCh(95, 27.640, 172.403)
contains.

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Color

CIELCh(95, 27.142, 173.027)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFE9
RGB	182, 255, 233
RGB Percent	71%, 100%, 91%
CMY	0.2850, 0.0000, 0.0850
CMYK	0.29, 0.00, 0.08, 0.00
HSL	162°, 100%, 86%
HSV	162°, 29%, 100%
XYZ	69.9877, 87.6183, 90.5581
YIQ	230.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

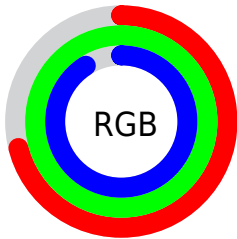
Format	Color
RYB	182, 225, 255
Decimal	11993065
CIELab	95.00, -26.94, 3.30
CIElCh	95, 27.142, 173.027
Yxy	87.6183, 0.2820, 0.3531
Android (android.graphics.Color)	4290183145 (0xFFB6FFE9)
YUV	230.6650, 1.1512, -42.6792
Hunter-Lab	93.6047, -30.3446, 8.1630

Details

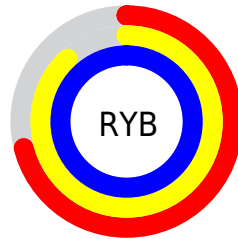
The CIELCh color **95, 27.142, 173.027** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 29.378, 359.237**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **75, 27.218, 172.646** is the 20% darker color. If you saturate the color by 10%, you get **94, 35.696, 172.093**, and if you desaturate by 10%, it is **97, 17.762, 174.340**.

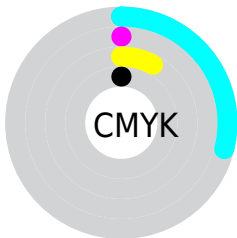
Distribution



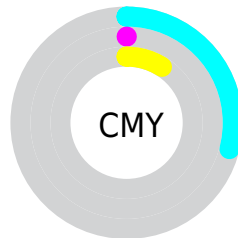
- Red (71%)
- Green (100%)
- Blue (91%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 27.142, 173.027 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, 27.142, 173.027 by changing the saturation by 10% instead.

 95, 27.142,
173.027


 95, 27.142,
173.027


 100, 27.142,
173.027


 85, 27.142,
173.027

 75, 27.142,
173.027

 65, 27.142,
173.027

 55, 27.142,
173.027

 45, 27.142,
173.027

 35, 27.142,
173.027

 25, 27.142,

173.027

■ 15, 27.142,
173.027

■ 5, 27.142, 173.027

■ 95, 27.142,
173.027

■ 95, 27.142,
173.027

■ 94, 35.696,
172.093

■ 97, 17.762,
174.340

■ 92, 43.779,
170.809

■ 98, 8.237, 175.365

■ 91, 51.057,
169.384

100, 0.012,
296.813

■ 91, 57.401,
167.793

■ 90, 62.735,
166.011

■ 90, 67.062,
164.024

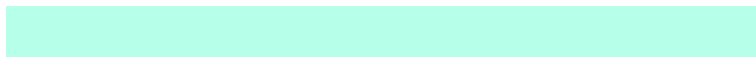
■ 89, 70.518,
161.855

■ 89, 71.004,
161.531

Harmonies

Complementary

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



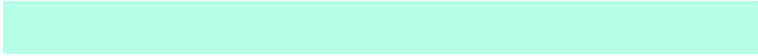
95, 27.142, 173.027



81, 29.378, 359.237

Rectangle

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



95, 27.142, 173.027



95, 27.142, 223.027



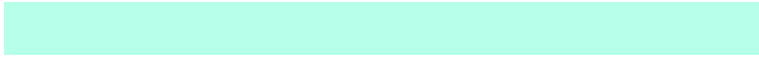
95, 27.142, 353.027



95, 27.142, 43.027

Sweetspot

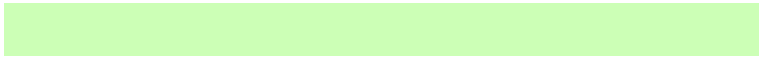
The Sweet Spot groups the original color and five complimentary colors.



95, 26.968, 173.262



98, 8.718, 175.314



95, 41.429, 134.366



52, 6.052, 175.165



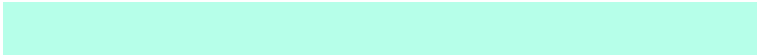
0, 0.000, 0.000



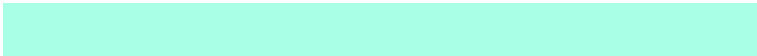
53, 0.007, 296.813

Same Dimension

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



95, 26.968, 173.262



94, 31.837, 172.632



92, 19.831, 220.783



52, 5.505, 175.262



69, 56.817, 161.942



23, 24.972, 164.932

Inverse Universe

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



81, 29.378, 359.237



78, 35.295, 0.039



84, 24.176, 39.206



50, 5.661, 356.939



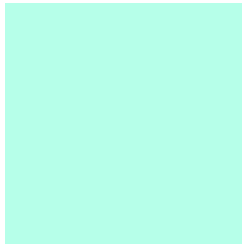
40, 70.746, 21.425



10, 31.468, 12.875

Previews

White Background



This preview shows how the CIE LCh color 95, 27.142, 173.027 looks on a white background.

Color Contrast Check

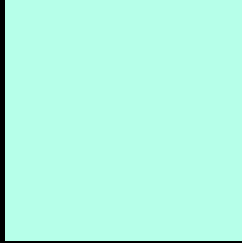
Large Text (above 18pt) WCAG AA × Fail

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, 27.142, 173.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

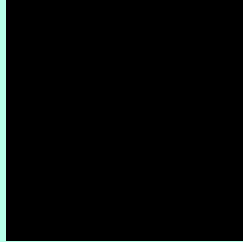
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 27.142, 173.027

Background



This preview shows how black text looks on a background with the CIELCh color 95, 27.142, 173.027.

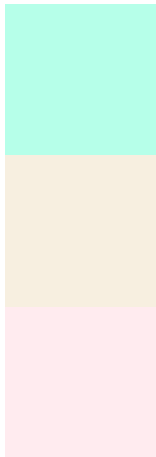


This preview shows how white text looks on a background with the CIELCh color 95, 27.142, 173.027.

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, 27.142, 173.027

Protanopia
95, 8.198, 88.743

Deuteranopia
95, 7.457, 3.903

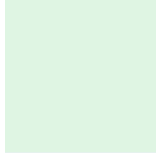


Tritanopia
95, 10.597, 228.035

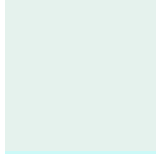
Trichromacy



Original Color
95, 27.142, 173.027



Protanomaly
95, 12.169, 149.350

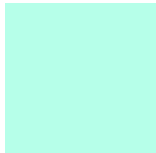


Deuteranomaly
94, 5.268, 169.988

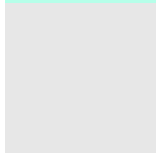


Tritanomaly
95, 15.166, 194.567

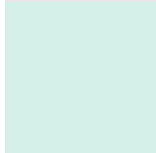
Monochromacy



Original Color
95, 27.142, 173.027



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.346, 175.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 27.142, 173.027 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(182, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 233)  
}
```

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(182, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 27.142, 173.027 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(182, 255, 233) }
```

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

```
.border{ border-color:rgb(182, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 27.142, 173.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 233) }
```

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

```
.background{ background-color: rgb(182,  
255, 233) }
```

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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