

Converting Colors

CIELCh(95, 24.387, 177.184)

Have a look what the booklet for
CIELCh(95, 24.387, 177.184)
contains.

CIELCh(95, 24.528, 176.932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(95, 24.528, 176.932)

Conversions

Conversions Part 1

Format	Color
Hex	BAFEED
RGB	186, 254, 237
RGB Percent	73%, 100%, 93%
CMY	0.2697, 0.0030, 0.0697
CMYK	0.27, 0.00, 0.07, 0.00
HSL	165°, 98%, 86%
HSV	165°, 27%, 100%
XYZ	71.1325, 87.6183, 93.4517
YIQ	231.7300, -35.0710, -19.7030

Conversions

Conversions Part 2

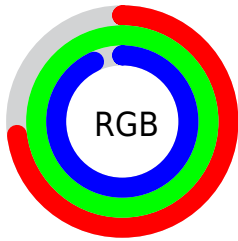
Format	Color
RYB	186, 225, 254
Decimal	12254957
CIELab	95.00, -24.49, 1.31
CIELCh	95, 24.528, 176.932
Yxy	87.6183, 0.2820, 0.3474
Android (android.graphics.Color)	4290445037 (0xFFBAFEED)
YUV	231.7300, 2.5981, -40.1052
Hunter-Lab	93.6047, -28.1616, 6.3302

Details

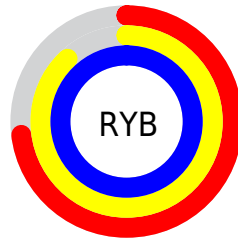
The CIELCh color **95, 24.528, 176.932** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 26.970, 2.456**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **75, 24.517, 176.819** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.949, 175.816**, and if you desaturate by 10%, it is **97, 15.616, 177.970**.

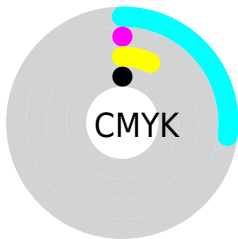
Distribution



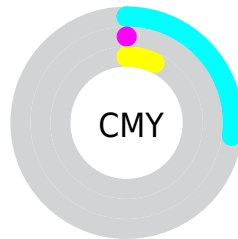
- Red (73%)
- Green (100%)
- Blue (93%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.528, 176.932 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, 24.528, 176.932 by changing the saturation by 10% instead.


 95, 24.528,
176.932


 95, 24.528,
176.932


 100, 24.528,
176.932


 85, 24.528,
176.932

 75, 24.528,
176.932

 65, 24.528,
176.932

 55, 24.528,
176.932

 45, 24.528,
176.932

 35, 24.528,
176.932

 25, 24.528,

176.932

■ 15, 24.528,
176.932

■ 5, 24.528, 176.932

■ 95, 24.528,
176.932

■ 95, 24.528,
176.932

■ 94, 32.949,
175.816

■ 97, 15.616,
177.970

■ 92, 40.714,
174.606

■ 98, 6.364, 178.987

■ 91, 47.666,
173.277

100, 0.489,
323.826

■ 91, 53.678,
171.803

■ 90, 58.669,
170.159

■ 90, 62.636,
168.326

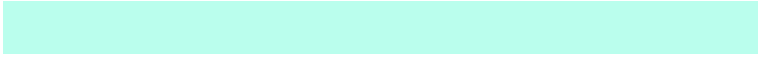
■ 89, 65.676,
166.304

■ 89, 66.554,
165.635

Harmonies

Complementary

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



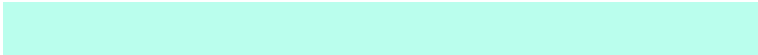
95, 24.528, 176.932



82, 26.970, 2.456

Rectangle

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



95, 24.528, 176.932



95, 24.528, 226.932



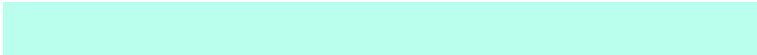
95, 24.528, 356.932



95, 24.528, 46.932

Sweetspot

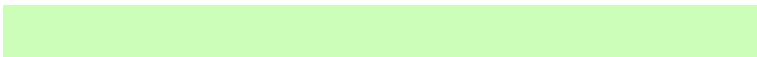
The Sweet Spot groups the original color and five complimentary colors.



95, 24.529, 176.929



98, 7.551, 178.855



95, 39.193, 135.472



52, 5.359, 178.701



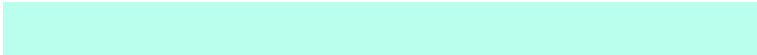
0, 0.000, 0.000



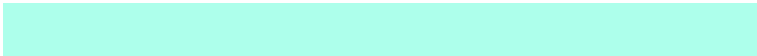
53, 0.007, 296.813

Same Dimension

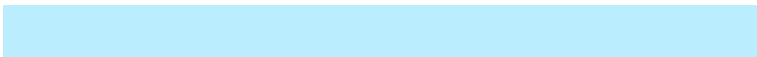
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.529, 176.929



94, 29.091, 176.355



91, 18.459, 225.077



52, 5.359, 178.701



69, 53.433, 166.019



23, 23.650, 168.818

Inverse Universe

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



82, 26.970, 2.456



79, 32.637, 3.217



85, 22.069, 42.658



50, 5.536, 0.366



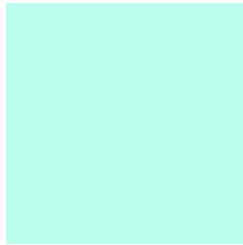
40, 72.622, 25.618



10, 31.700, 15.986

Previews

White Background



This preview shows how the CIE LCh color 95, 24.528, 176.932 looks on a white background.

Color Contrast Check

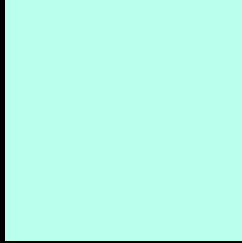
Large Text (above 18pt) WCAG AA × Fail

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, 24.528, 176.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

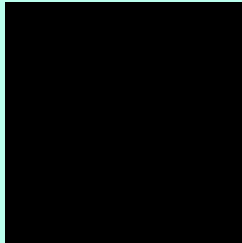
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

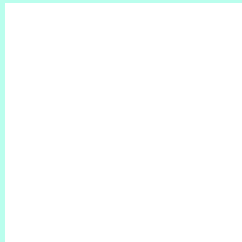
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.528, 176.932

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.528, 176.932.

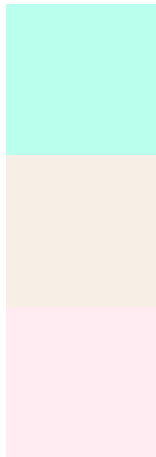


This preview shows how white text looks on a background with the CIELCh color 95, 24.528, 176.932.

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, 24.528, 176.932

Protanopia
95, 5.860, 80.200

Deuteranopia
95, 7.790, 356.633

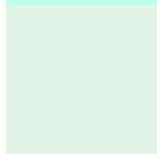


Tritanopia
95, 10.315, 228.926

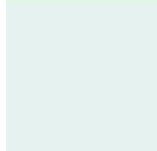
Trichromacy



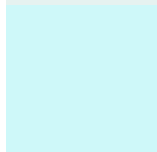
Original Color
95, 24.528, 176.932



Protanomaly
95, 9.775, 155.823



Deuteranomaly
95, 4.333, 185.537

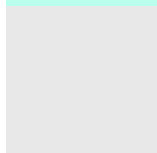


Tritanomaly
95, 14.074, 200.655

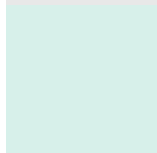
Monochromacy



Original Color
95, 24.528, 176.932



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.289, 179.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.528, 176.932 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, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(186, 254, 237)  
}
```

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, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 254, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.528, 176.932 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, 254, 237) }
```

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

```
.border{ border-color:rgb(186, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(186, 254,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.528, 176.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 254, 237) }
```

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

```
.background{ background-color: rgb(186,  
254, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor