

Converting Colors

CIELCh(95, 24.597, 183.210)

Have a look what the booklet for
CIELCh(95, 24.597, 183.210)
contains.

CIELCh(95, 24.350, 183.137)	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, 24.350, 183.137)

Conversions

Conversions Part 1

Format	Color
Hex	B7FEF2
RGB	183, 254, 242
RGB Percent	72%, 100%, 95%
CMY	0.2811, 0.0027, 0.0498
CMYK	0.28, 0.00, 0.05, 0.00
HSL	170°, 98%, 86%
HSV	170°, 28%, 100%
XYZ	71.2168, 87.6183, 97.4081
YIQ	231.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

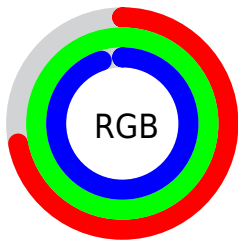
Format	Color
R_{YB}	183, 222, 254
Decimal	12058354
CIE Lab	95.00, -24.31, -1.33
CIE LCh	95, 24.350, 183.137
Yxy	87.6183, 0.2779, 0.3419
Android (android.graphics.Color)	4290248434 (0xFFB7FEF2)
YUV	231.4030, 5.2243, -42.4494
Hunter-Lab	93.6047, -28.0008, 3.8241

Details

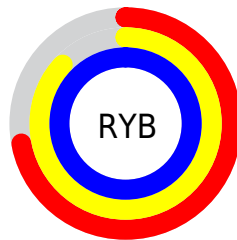
The CIELCh color **95, 24.350, 183.137** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 27.682, 8.679**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **75, 24.236, 183.291** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.120, 182.135**, and if you desaturate by 10%, it is **97, 15.989, 184.087**.

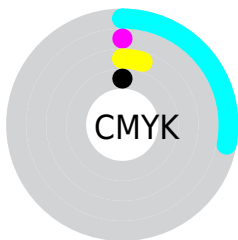
Distribution



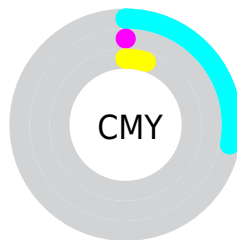
- Red (72%)
- Green (100%)
- Blue (95%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.350, 183.137 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, 24.350, 183.137 by changing the saturation by 10% instead.


 95, 24.350,
183.137


 95, 24.350,
183.137


 100, 24.350,
183.137


 85, 24.350,
183.137

 75, 24.350,
183.137

 65, 24.350,
183.137

 55, 24.350,
183.137

 45, 24.350,
183.137

 35, 24.350,
183.137

 25, 24.350,

183.137

■ 15, 24.350,
183.137

■ 5, 24.350, 183.137

■ 95, 24.350,
183.137

■ 95, 24.350,
183.137

■ 94, 32.120,
182.135

■ 97, 15.989,
184.087

■ 93, 39.140,
181.073

■ 98, 7.187, 185.034

■ 92, 45.265,
179.928

100, 0.431,
323.739

■ 91, 50.383,
178.677

■ 90, 54.438,
177.298

■ 90, 57.446,
175.769

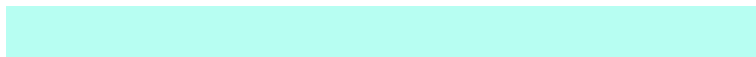
■ 90, 59.537,
174.087

■ 90, 59.918,
173.733

Harmonies

Complementary

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



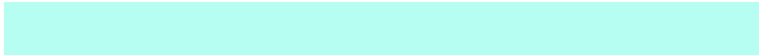
95, 24.350, 183.137



81, 27.682, 8.679

Rectangle

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



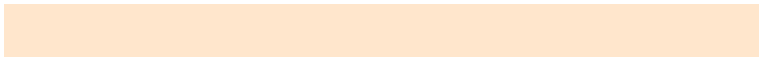
95, 24.350, 183.137



95, 24.350, 233.137



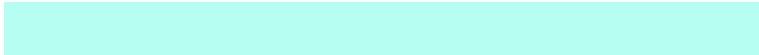
95, 24.350, 3.137



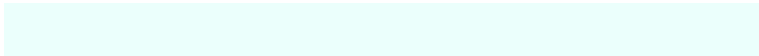
95, 24.350, 53.137

Sweetspot

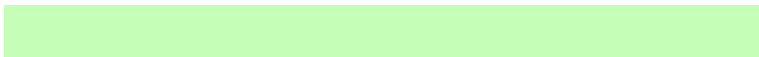
The Sweet Spot groups the original color and five complimentary colors.



95, 24.351, 183.134



98, 7.272, 185.026



94, 41.985, 137.806



52, 5.157, 184.880



0, 0.000, 0.000



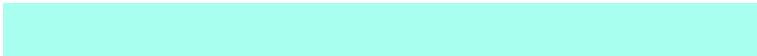
53, 0.007, 296.813

Same Dimension

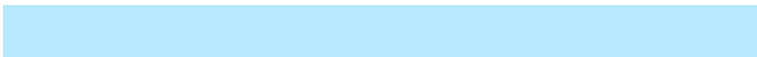
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.351, 183.134



94, 29.216, 182.533



89, 19.120, 236.583



52, 5.157, 184.880



69, 48.181, 174.051



23, 21.613, 176.326

Inverse Universe

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



81, 27.682, 8.679



78, 34.255, 9.597



86, 22.500, 51.707



50, 5.375, 6.449



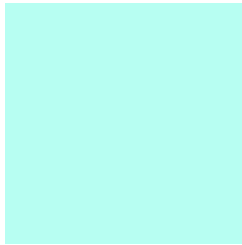
40, 76.500, 31.814



10, 32.167, 20.197

Previews

White Background



This preview shows how the CIE LCh color 95, 24.350, 183.137 looks on a white background.

Color Contrast Check

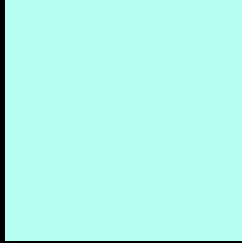
Large Text (above 18pt) WCAG AA × Fail

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, 24.350, 183.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

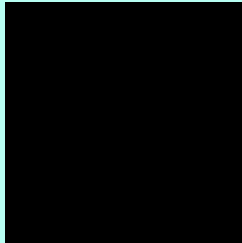
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

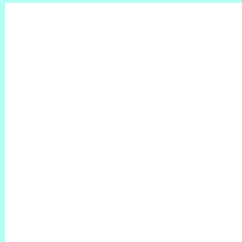
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.350, 183.137

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.350, 183.137.

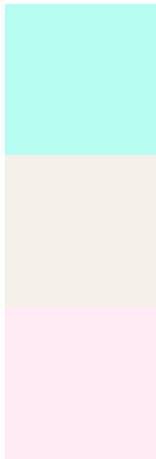


This preview shows how white text looks on a background with the CIELCh color 95, 24.350, 183.137.

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, 24.350, 183.137

Protanopia
95, 3.731, 74.708

Deuteranopia
95, 9.381, 343.016

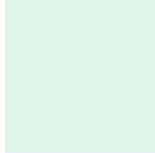


Tritanopia
95, 10.597, 228.035

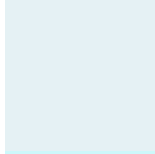
Trichromacy



Original Color
95, 24.350, 183.137



Protanomaly
95, 9.037, 168.111



Deuteranomaly
94, 4.414, 219.782

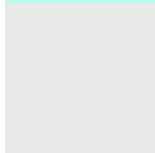


Tritanomaly
95, 14.378, 202.659

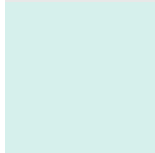
Monochromacy



Original Color
95, 24.350, 183.137



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.280, 185.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.350, 183.137 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(183, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(183, 254, 242)  
}
```

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(183, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.350, 183.137 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(183, 254, 242) }
```

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

```
.border{ border-color:rgb(183, 254, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 254, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(183, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.350, 183.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 254, 242) }
```

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

```
.background{ background-color: rgb(183,  
254, 242) }
```

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