

Converting Colors

CIELCh(95, 25.621, 183.857)

Have a look what the booklet for
CIELCh(95, 25.621, 183.857)
contains.

CIELCh(95, 25.762, 183.875)	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, 25.762, 183.875)

Conversions

Conversions Part 1

Format	Color
Hex	B3FFF3
RGB	179, 255, 243
RGB Percent	70%, 100%, 95%
CMY	0.2978, 0.0000, 0.0468
CMYK	0.30, 0.00, 0.05, 0.00
HSL	171°, 100%, 85%
HSV	171°, 30%, 100%
XYZ	70.5651, 87.6183, 98.0289
YIQ	230.9080, -41.4440, -19.8440

Conversions

Conversions Part 2

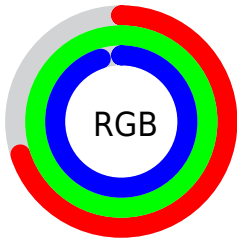
Format	Color
RYB	179, 220, 255
Decimal	11796467
CIELab	95.00, -25.70, -1.74
CIELCh	95, 25.762, 183.875
Yxy	87.6183, 0.2754, 0.3420
Android (android.graphics.Color)	4289986547 (0xFFB3FFF3)
YUV	230.9080, 5.9614, -45.5233
Hunter-Lab	93.6047, -29.2436, 3.4309

Details

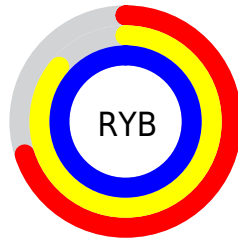
The CIELCh color **95, 25.762, 183.875** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **80, 29.673, 9.849**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **75, 25.616, 183.977** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.315, 182.945**, and if you desaturate by 10%, it is **96, 17.523, 184.867**.

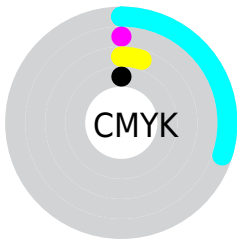
Distribution



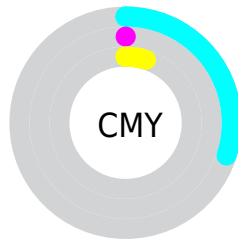
- Red (70%)
- Green (100%)
- Blue (95%)



- Red (70%)
- Yellow (86%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.762, 183.875 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, 25.762, 183.875 by changing the saturation by 10% instead.


 95, 25.762,
183.875


 95, 25.762,
183.875


 100, 25.762,
183.875


 85, 25.762,
183.875

 75, 25.762,
183.875

 65, 25.762,
183.875

 55, 25.762,
183.875

 45, 25.762,
183.875

 35, 25.762,
183.875

 25, 25.762,

183.875

■ 15, 25.762,
183.875

■ 5, 25.762, 183.875

■ 95, 25.762,
183.875

■ 95, 25.762,
183.875

■ 94, 33.315,
182.945

■ 96, 17.523,
184.867

■ 93, 40.102,
181.902

■ 98, 8.828, 185.792

■ 92, 45.959,
180.779

100, 0.012,
296.813

■ 91, 50.784,
179.555

■ 91, 54.534,
178.206

■ 90, 57.245,
176.714

■ 90, 59.109,
175.087

■ 90, 59.146,
175.052

Harmonies

Complementary

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



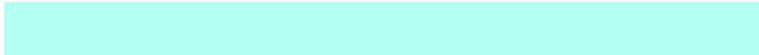
95, 25.762, 183.875



80, 29.673, 9.849

Rectangle

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



95, 25.762, 183.875



95, 25.762, 233.875



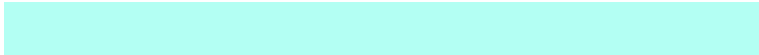
95, 25.762, 3.875



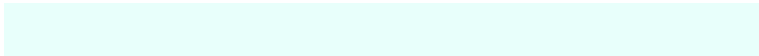
95, 25.762, 53.875

Sweetspot

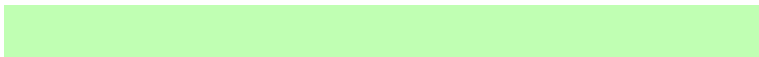
The Sweet Spot groups the original color and five complimentary colors.



95, 25.737, 183.927



98, 8.132, 185.866



94, 45.099, 138.142



52, 5.638, 185.728



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

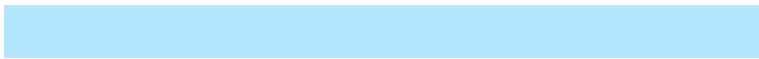
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.737, 183.927



94, 30.533, 183.323



89, 20.416, 239.145



52, 5.133, 185.818



69, 47.477, 175.358



23, 21.341, 177.531

Inverse Universe

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



80, 29.673, 9.849



77, 36.385, 10.823



86, 24.156, 53.447



50, 5.357, 7.363



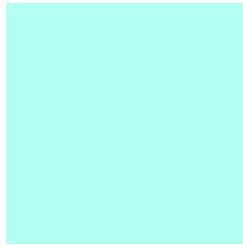
40, 77.104, 32.606



10, 32.237, 20.709

Previews

White Background



This preview shows how the CIE LCh color 95, 25.762, 183.875 looks on a white background.

Color Contrast Check

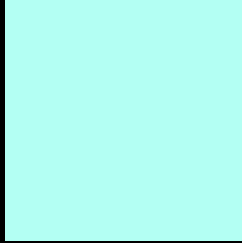
Large Text (above 18pt) WCAG AA × Fail

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, 25.762, 183.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

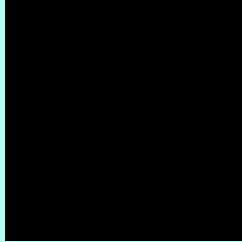
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

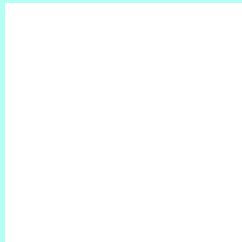
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.762, 183.875

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.762, 183.875.

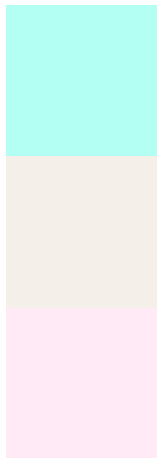


This preview shows how white text looks on a background with the CIELCh color 95, 25.762, 183.875.

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, 25.762, 183.875

Protanopia
95, 3.322, 69.683

Deuteranopia
95, 9.695, 340.592

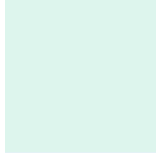


Tritanopia
95, 10.881, 227.192

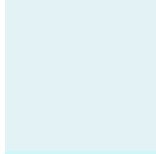
Trichromacy



Original Color
95, 25.762, 183.875



Protanomaly
95, 9.379, 172.842

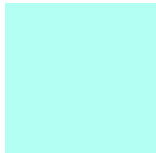


Deuteranomaly
94, 5.380, 215.888

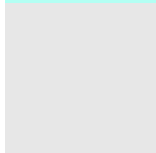


Tritanomaly
95, 15.311, 202.348

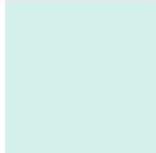
Monochromacy



Original Color
95, 25.762, 183.875



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 10.083, 183.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.762, 183.875 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(179, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 243)  
}
```

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(179, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.762, 183.875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

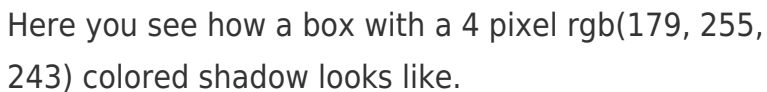
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 255, 243) }
```

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

```
.border{ border-color:rgb(179, 255, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.762, 183.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 243) }
```

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

```
.background{ background-color: rgb(179,  
255, 243) }
```

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