

Converting Colors

CIELCh(95, 25.640, 181.042)

Have a look what the booklet for
CIELCh(95, 25.640, 181.042)
contains.

CIELCh(95, 25.576, 181.396)	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, 25.576, 181.396)

Conversions

Conversions Part 1

Format	Color
Hex	B5FFF1
RGB	181, 255, 241
RGB Percent	71%, 100%, 95%
CMY	0.2905, 0.0003, 0.0553
CMYK	0.29, 0.00, 0.05, 0.00
HSL	169°, 100%, 85%
HSV	169°, 29%, 100%
XYZ	70.6281, 87.6183, 96.3363
YIQ	231.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

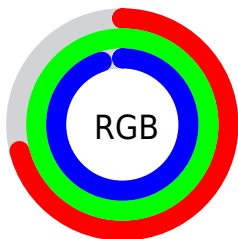
Format	Color
R_{YB}	181, 222, 255
Decimal	11927537
CIE Lab	95.00, -25.57, -0.62
CIE LCh	95, 25.576, 181.396
Yxy	87.6183, 0.2774, 0.3442
Android (android.graphics.Color)	4290117617 (0xFFB5FFF1)
YUV	231.2780, 4.7929, -44.0938
Hunter-Lab	93.6047, -29.1235, 4.5030

Details

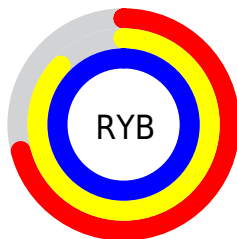
The CIELCh color **95, 25.576, 181.396** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 29.012, 7.311**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **75, 25.481, 181.399** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.424, 180.348**, and if you desaturate by 10%, it is **97, 17.139, 182.382**.

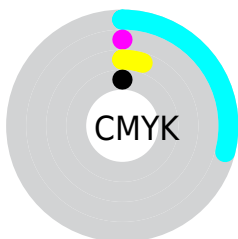
Distribution



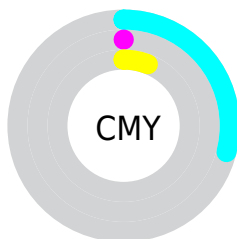
- Red (71%)
- Green (100%)
- Blue (95%)



- Red (71%)
- Yellow (87%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 25.576, 181.396 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, 25.576, 181.396 by changing the saturation by 10% instead.


 95, 25.576,
181.396


 95, 25.576,
181.396


 100, 25.576,
181.396


 85, 25.576,
181.396

 75, 25.576,
181.396

 65, 25.576,
181.396

 55, 25.576,
181.396

 45, 25.576,
181.396

 35, 25.576,
181.396

 25, 25.576,

181.396

■ 15, 25.576,
181.396

■ 5, 25.576, 181.396

■ 95, 25.576,
181.396

■ 95, 25.576,
181.396

■ 94, 33.424,
180.348

■ 97, 17.139,
182.382

■ 93, 40.522,
179.227

■ 98, 8.264, 183.348

■ 92, 46.725,
178.009

100, 0.066,
319.710

■ 91, 51.924,
176.671

■ 90, 56.063,
175.188

■ 90, 59.168,
173.542

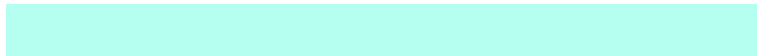
■ 90, 61.402,
171.739

■ 90, 61.601,
171.564

Harmonies

Complementary

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



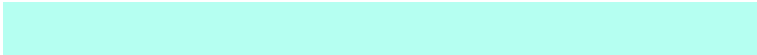
95, 25.576, 181.396



81, 29.012, 7.311

Rectangle

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



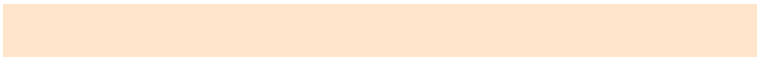
95, 25.576, 181.396



95, 25.576, 231.396



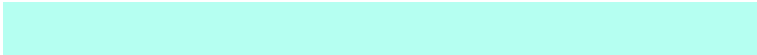
95, 25.576, 1.396



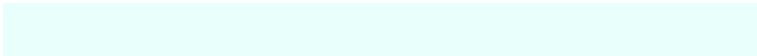
95, 25.576, 51.396

Sweetspot

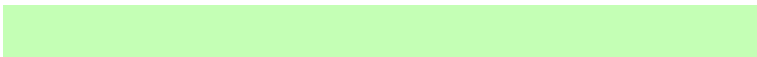
The Sweet Spot groups the original color and five complimentary colors.



95, 25.577, 181.393



98, 8.240, 183.351



95, 43.496, 137.270



52, 5.714, 183.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

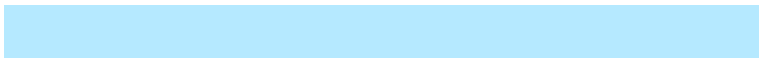
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 25.577, 181.393



94, 30.352, 180.777



89, 19.805, 234.445



52, 5.202, 183.301



69, 49.422, 171.905



23, 22.093, 174.338

Inverse Universe

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



81, 29.012, 7.311



77, 35.426, 8.233



86, 23.627, 49.804



50, 5.409, 4.904



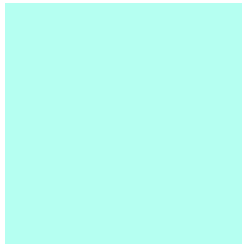
40, 75.481, 30.393



10, 32.048, 19.265

Previews

White Background



This preview shows how the CIE LCh color 95, 25.576, 181.396 looks on a white background.

Color Contrast Check

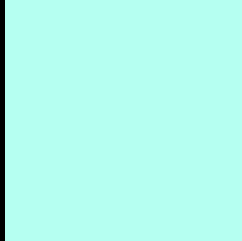
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 25.576, 181.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

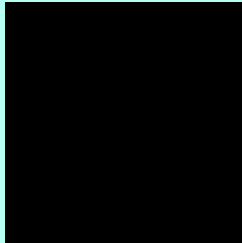
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

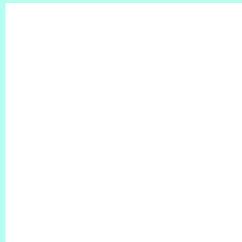
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 25.576, 181.396

Background



This preview shows how black text looks on a background with the CIELCh color 95, 25.576, 181.396.

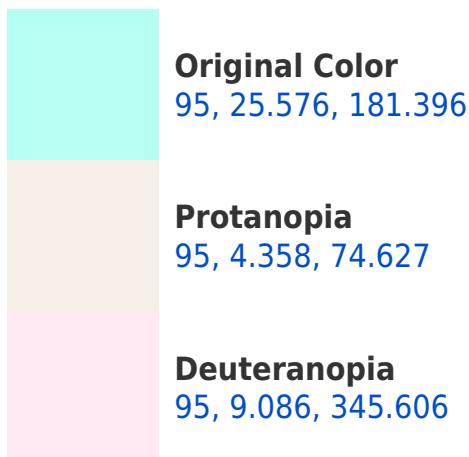


This preview shows how white text looks on a background with the CIELCh color 95, 25.576, 181.396.

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



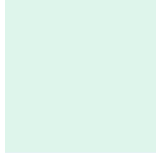


Tritanopia
95, 10.597, 228.035

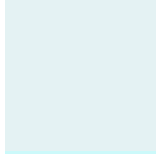
Trichromacy



Original Color
95, 25.576, 181.396



Protanomaly
95, 9.616, 166.545

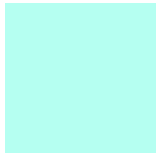


Deuteranomaly
95, 4.877, 205.279

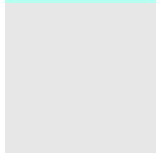


Tritanomaly
95, 15.014, 200.464

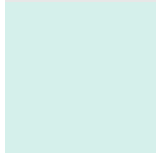
Monochromacy



Original Color
95, 25.576, 181.396



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.758, 183.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 25.576, 181.396 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(181, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 241)  
}
```

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(181, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 25.576, 181.396 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(181, 255, 241) }
```

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

```
.border{ border-color:rgb(181, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 25.576, 181.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 241) }
```

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

```
.background{ background-color: rgb(181,  
255, 241) }
```

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