

Converting Colors

CIELCh(95, 25.021, 172.265)

Have a look what the booklet for
CIELCh(95, 25.021, 172.265)
contains.

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Color

CIELCh(95, 24.953, 172.164)

Conversions

Conversions Part 1

Format	Color
Hex	BCFEE9
RGB	188, 254, 233
RGB Percent	74%, 100%, 91%
CMY	0.2620, 0.0031, 0.0855
CMYK	0.26, 0.00, 0.08, 0.00
HSL	161°, 98%, 87%
HSV	161°, 26%, 100%
XYZ	71.0258, 87.6183, 90.4037
YIQ	231.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

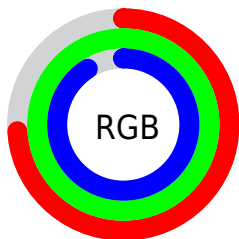
Format	Color
R _Y B	188, 227, 254
Decimal	12386025
CIE Lab	95.00, -24.72, 3.40
CIE LCh	95, 24.953, 172.164
Yxy	87.6183, 0.2852, 0.3518
Android (android.graphics.Color)	4290576105 (0xFFBCFEE9)
YUV	231.8720, 0.5561, -38.4757
Hunter-Lab	93.6047, -28.3651, 8.2608

Details

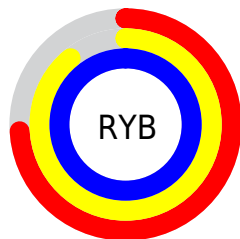
The CIELCh color **95, 24.953, 172.164** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 26.816, 357.491**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **75, 25.028, 171.872** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.962, 171.009**, and if you desaturate by 10%, it is **97, 15.530, 173.225**.

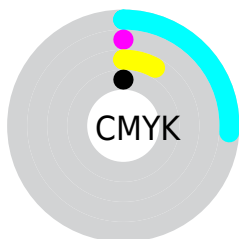
Distribution



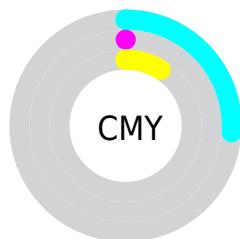
- Red (74%)
- Green (100%)
- Blue (91%)



- Red (74%)
- Yellow (89%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.953, 172.164 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, 24.953, 172.164 by changing the saturation by 10% instead.


 95, 24.953,
172.164


 95, 24.953,
172.164


 100, 24.953,
172.164


 85, 24.953,
172.164

 75, 24.953,
172.164

 65, 24.953,
172.164

 55, 24.953,
172.164

 45, 24.953,
172.164

 35, 24.953,
172.164

 25, 24.953,

172.164

■ 15, 24.953,
172.164

■ 5, 24.953, 172.164

■ 95, 24.953,
172.164

■ 95, 24.953,
172.164

■ 94, 33.962,
171.009

■ 97, 15.530,
173.225

■ 92, 42.385,
169.743

■ 99, 5.843, 174.255

■ 91, 50.059,
168.336

100, 0.505,
323.846

■ 90, 56.840,
166.764

■ 90, 62.634,
165.001

■ 89, 67.419,
163.032

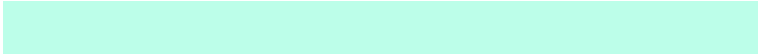
■ 89, 71.272,
160.860

■ 89, 72.664,
159.964

Harmonies

Complementary

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



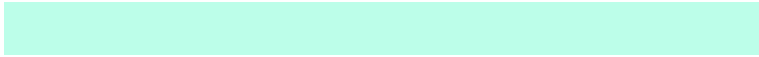
95, 24.953, 172.164



83, 26.816, 357.491

Rectangle

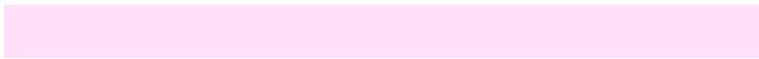
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 24.953, 172.164



95, 24.953, 222.164



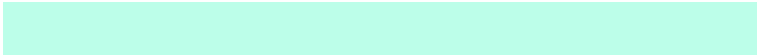
95, 24.953, 352.164



95, 24.953, 42.164

Sweetspot

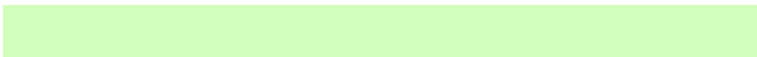
The Sweet Spot groups the original color and five complimentary colors.



95, 24.954, 172.162



98, 7.847, 174.039



95, 37.293, 133.464



52, 5.572, 173.884



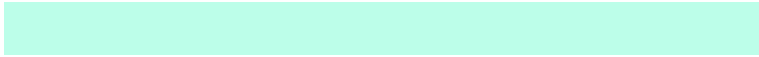
0, 0.000, 0.000



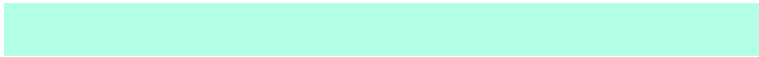
53, 0.007, 296.813

Same Dimension

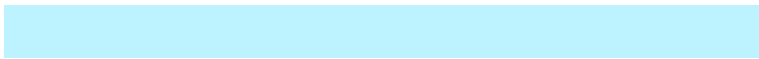
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.954, 172.162



95, 29.625, 171.594



93, 18.511, 216.352



52, 5.572, 173.884



69, 58.266, 160.379



23, 25.542, 163.429

Inverse Universe

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



83, 26.816, 357.491



80, 32.308, 358.181



85, 22.202, 35.833



50, 5.719, 355.559



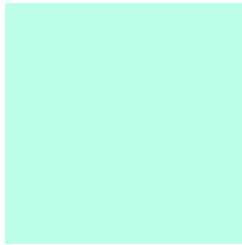
40, 70.093, 19.596



10, 31.393, 11.440

Previews

White Background



This preview shows how the CIE LCh color 95, 24.953, 172.164 looks on a white background.

Color Contrast Check

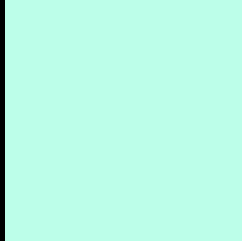
Large Text (above 18pt) WCAG AA × Fail

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, 24.953, 172.164 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

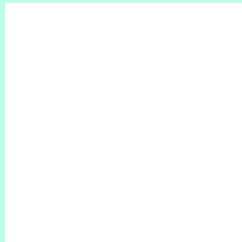
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.953, 172.164

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.953, 172.164.

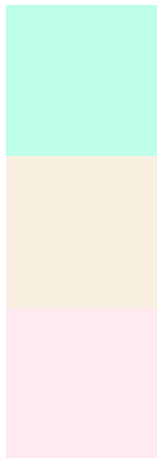


This preview shows how white text looks on a background with the CIELCh color 95, 24.953, 172.164.

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, 24.953, 172.164

Protanopia

95, 7.863, 84.984

Deuteranopia

95, 7.457, 3.903

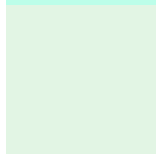


Tritanopia
95, 10.034, 229.868

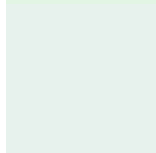
Trichromacy



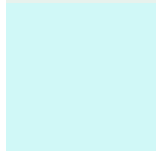
Original Color
95, 24.953, 172.164



Protanomaly
95, 11.089, 146.989



Deuteranomaly
95, 4.670, 165.891

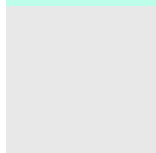


Tritanomaly
95, 13.514, 196.392

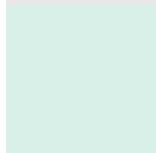
Monochromacy



Original Color
95, 24.953, 172.164



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.415, 172.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.953, 172.164 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(188, 254, 233)` looks like.

```
.text, #text, p{  
    color:rgb(188, 254, 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(188, 254, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 254, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.953, 172.164 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(188, 254, 233) }
```

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

```
.border{ border-color:rgb(188, 254, 233) }
```

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

Here you see how a box with a 4 pixel rgb(188, 254, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 254, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 254, 233);  
box-shadow:4px 4px 4px 4px rgb(188, 254,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.953, 172.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 254, 233) }
```

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

```
.background{ background-color: rgb(188,  
254, 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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