

Converting Colors

CIELCh(100, 32.696, 173.119)

Have a look what the booklet for
CIELCh(100, 32.696, 173.119)
contains.

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Color

CIElCh(95, 24.405, 186.906)

Conversions

Conversions Part 1

Format	Color
Hex	B5FEF5
RGB	181, 254, 245
RGB Percent	71%, 100%, 96%
CMY	0.2886, 0.0024, 0.0377
CMYK	0.29, 0.00, 0.04, 0.00
HSL	173°, 98%, 85%
HSV	173°, 29%, 100%
XYZ	71.2571, 87.6183, 99.8576
YIQ	231.1470, -40.6190, -18.2750

Conversions

Conversions Part 2

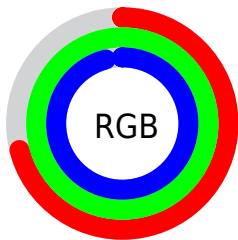
Format	Color
R_{YB}	181, 220, 254
Decimal	11927285
CIE _{Lab}	95.00, -24.23, -2.93
CIE _{LCh}	95, 24.405, 186.906
Yxy	87.6183, 0.2754, 0.3386
Android (android.graphics.Color)	4290117365 (0xFFB5FEF5)
YUV	231.1470, 6.8295, -43.9789
Hunter-Lab	93.6047, -27.9240, 2.2726

Details

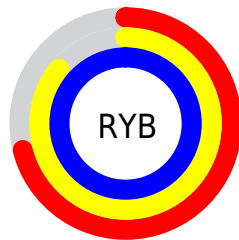
The CIELCh color **95, 24.405, 186.906** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **81, 28.352, 12.302**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **75, 24.243, 187.232** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.834, 186.012**, and if you desaturate by 10%, it is **96, 16.326, 187.769**.

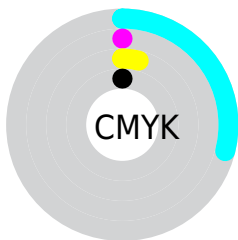
Distribution



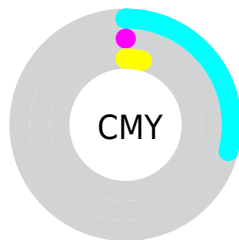
- Red (71%)
- Green (100%)
- Blue (96%)



- Red (71%)
- Yellow (86%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.405, 186.906 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, 24.405, 186.906 by changing the saturation by 10% instead.


 95, 24.405,
186.906

 95, 24.405,
186.906


 100, 24.405,
186.906


 85, 24.405,
186.906

 75, 24.405,
186.906

 65, 24.405,
186.906

 55, 24.405,
186.906

 45, 24.405,
186.906

 35, 24.405,
186.906

 25, 24.405,

186.906

■ 15, 24.405,
186.906

■ 5, 24.405, 186.906

■ 95, 24.405,
186.906

■ 95, 24.405,
186.906

■ 94, 31.834,
186.012

■ 96, 16.326,
187.769

■ 93, 38.457,
185.084

■ 98, 7.746, 188.643

■ 92, 44.139,
184.102

100, 0.309,
333.995

■ 91, 48.779,
183.047

100, 0.388,
323.657

■ 91, 52.331,
181.900

■ 90, 54.826,
180.640

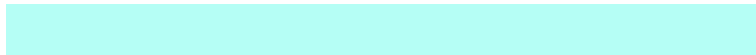
■ 90, 56.421,
179.262

■ 90, 56.602,
179.079

Harmonies

Complementary

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



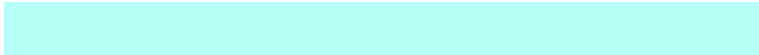
95, 24.405, 186.906



81, 28.352, 12.302

Rectangle

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



95, 24.405, 186.906



95, 24.405, 236.906



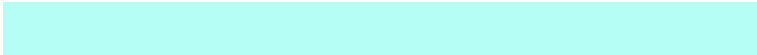
95, 24.405, 6.906



95, 24.405, 56.906

Sweetspot

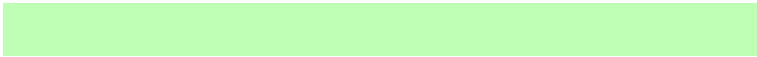
The Sweet Spot groups the original color and five complimentary colors.



95, 24.406, 186.903



98, 8.034, 188.615



94, 43.830, 139.111



52, 5.568, 188.484



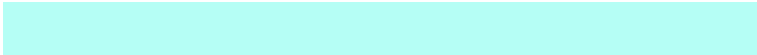
0, 0.000, 0.000



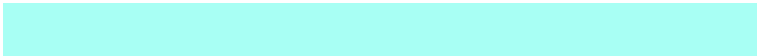
53, 0.007, 296.813

Same Dimension

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



95, 24.406, 186.903



94, 28.497, 186.433



88, 19.932, 243.482



52, 5.071, 188.569



70, 45.557, 179.337



23, 20.600, 181.170

Inverse Universe

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



81, 28.352, 12.302



78, 34.146, 13.097



87, 23.078, 57.247



50, 5.313, 10.033



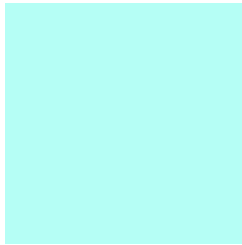
40, 78.837, 34.699



10, 32.446, 22.145

Previews

White Background



This preview shows how the CIE LCh color 95, 24.405, 186.906 looks on a white background.

Color Contrast Check

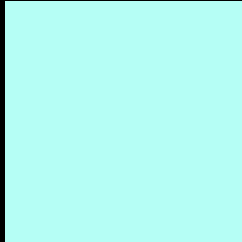
Large Text (above 18pt) WCAG AA × Fail

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, 24.405, 186.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

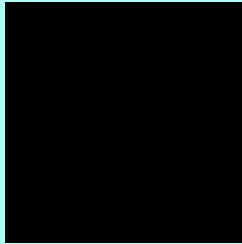
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

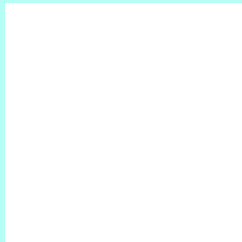
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.405, 186.906

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.405, 186.906.

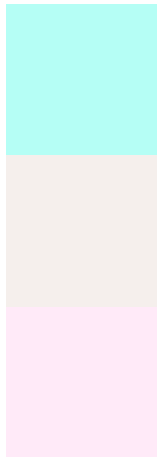


This preview shows how white text looks on a background with the CIELCh color 95, 24.405, 186.906.

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, 24.415, 186.896

Protanopia

95, 2.618, 55.188

Deuteranopia

95, 10.371, 336.210

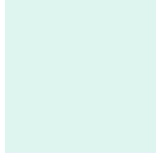


Tritanopia
95, 10.597, 228.035

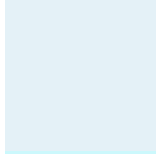
Trichromacy



Original Color
95, 24.415, 186.896



Protanomaly
95, 8.617, 177.927

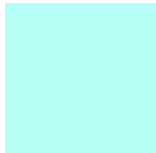


Deuteranomaly
94, 5.392, 234.246

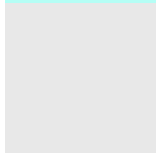


Tritanomaly
95, 14.716, 206.606

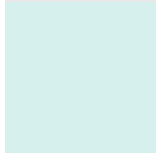
Monochromacy



Original Color
95, 24.415, 186.896



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.153, 189.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.405, 186.906 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, 254, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 245)  
}
```

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, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.405, 186.906 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, 254, 245) }
```

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

```
.border{ border-color:rgb(181, 254, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.405, 186.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 245) }
```

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

```
.background{ background-color: rgb(181,  
254, 245) }
```

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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