

Converting Colors

CIELCh(79, 25.775, 152.120)

Have a look what the booklet for
CIELCh(79, 25.775, 152.120)
contains.

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Color

CIELCh(79, 26.033, 151.913)

Conversions

Conversions Part 1

Format	Color
Hex	9ECFAC
RGB	158, 207, 172
RGB Percent	62%, 81%, 67%
CMY	0.3800, 0.1879, 0.3251
CMYK	0.24, 0.00, 0.17, 0.19
HSL	137°, 34%, 72%
HSV	137°, 24%, 81%
XYZ	43.9066, 54.9284, 47.3611
YIQ	188.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

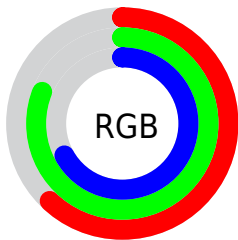
Format	Color
RYB	158, 196, 207
Decimal	10407852
CIELab	79.00, -22.97, 12.26
CIELCh	79, 26.033, 151.913
Yxy	54.9284, 0.3003, 0.3757
Android (android.graphics.Color)	4288597932 (0xFF9ECFAC)
YUV	188.3590, -8.0650, -26.6248
Hunter-Lab	74.1137, -23.9517, 13.9913

Details

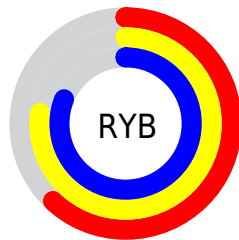
The CIELCh color **79, 26.033, 151.913** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 26.253, 335.355**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.688, 154.423**, and **59, 25.484, 152.073** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.928, 150.942**, and if you desaturate by 10%, it is **81, 15.008, 152.761**.

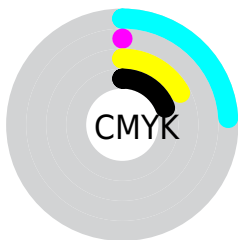
Distribution



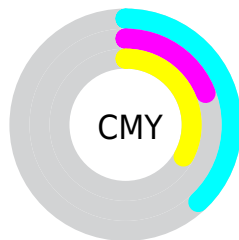
- Red (62%)
- Green (81%)
- Blue (67%)



- Red (62%)
- Yellow (77%)
- Blue (81%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)





- Cyan (38%)
- Magenta (19%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 26.033, 151.913 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 79, 26.033, 151.913 by changing the saturation by 10% instead.

 79, 26.033,
151.913


 79, 26.033,
151.913


 100, 26.033,
151.913


 69, 26.033,
151.913


 99, 26.033,
151.913

 59, 26.033,
151.913

 49, 26.033,
151.913

 39, 26.033,
151.913

 29, 26.033,
151.913

 19, 26.033,
151.913

 9, 26.033, 151.913

0, 26.033, 151.913

79, 26.033,
151.913

79, 26.033,
151.913

78, 36.928,
150.942

81, 15.008,
152.761

76, 47.507,
149.825

82, 3.998, 153.555

75, 57.567,
148.540

84, 6.882, 334.060

87, 17.547,
334.656

74, 66.891,
147.075

88, 26.416,
331.241

74, 75.278,
145.429

89, 30.037,
325.470

73, 82.558,
143.625

■ 73, 88.622,
141.721

■ 73, 91.884,
140.561

Harmonies

Complementary

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



79, 26.033, 151.913



71, 26.253, 335.355

Rectangle

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



79, 26.033, 151.913



79, 26.033, 201.913



79, 26.033, 331.913



79, 26.033, 21.913

Sweetspot

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



79, 26.035, 151.912



98, 9.072, 153.275



81, 26.305, 119.770



52, 5.897, 153.227



0, 0.000, 0.000



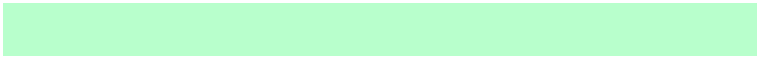
53, 0.007, 296.813

Same Dimension

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



79, 26.035, 151.912



94, 36.445, 151.476



80, 18.121, 179.810



43, 6.269, 153.094



60, 78.196, 140.862



13, 26.300, 147.324

Inverse Universe

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



71, 26.253, 335.355



83, 36.786, 335.712



70, 19.859, 4.469



41, 6.299, 334.313



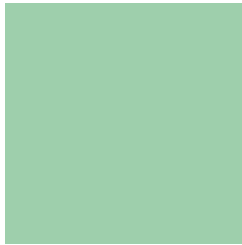
37, 68.339, 343.701



5, 24.966, 340.111

Previews

White Background



This preview shows how the CIELCh color 79, 26.033, 151.913 looks on a white background.

Color Contrast Check

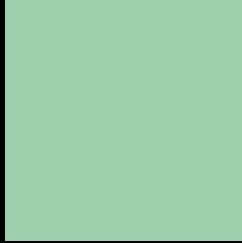
Large Text (above 18pt) WCAG AA × Fail

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 79, 26.033, 151.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

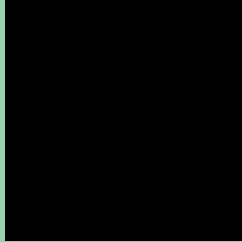
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

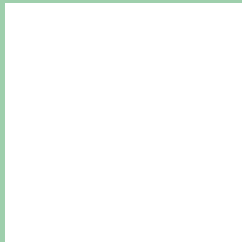
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 26.033, 151.913

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.033, 151.913.



This preview shows how white text looks on a background with the CIELCh color 79, 26.033, 151.913.

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
79, 26.033, 151.913

Protanopia
79, 15.894, 94.507

Deuteranopia
79, 14.393, 46.464



Tritanopia
79, 14.318, 235.566

Trichromacy



Original Color
79, 26.033, 151.913

Protanomaly
79, 17.008, 123.030

Deuteranomaly
79, 10.697, 103.033

Tritanomaly
79, 13.972, 193.987

Monochromacy



Original Color
79, 26.033, 151.913

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 9.691, 152.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.033, 151.913 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(158, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 207, 172)  
}
```

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(158, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 207, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.033, 151.913 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(158, 207, 172) }
```

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

```
.border{ border-color:rgb(158, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(158, 207,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.033, 151.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 207, 172) }
```

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

```
.background{ background-color: rgb(158,  
207, 172) }
```

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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