

# Converting Colors

CIELCh(79, 30.339, 154.662)

Have a look what the booklet for  
CIELCh(79, 30.339, 154.662)  
contains.

<b>CIELCh(79, 30.120, 155.102)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(79, 30.120, 155.102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D1AB
RGB	148, 209, 171
RGB Percent	58%, 82%, 67%
CMY	0.4190, 0.1798, 0.3288
CMYK	0.29, 0.00, 0.18, 0.18
HSL	143°, 40%, 70%
HSV	143°, 29%, 82%
XYZ	42.4396, 54.9284, 46.9646
YIQ	186.4290, -24.1580, -24.7500

# Conversions

## Conversions Part 2

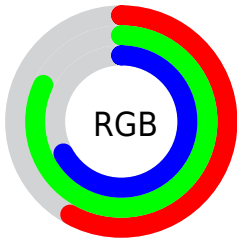
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 192, 209
Decimal	9753003
CIELab	79.00, -27.32, 12.68
CIElCh	79, 30.120, 155.102
Yxy	54.9284, 0.2940, 0.3806
Android (android.graphics.Color)	4287943083 (0xFF94D1AB)
YUV	186.4290, -7.6065, -33.7022
Hunter-Lab	74.1137, -27.4848, 14.3085

# Details

The CIELCh color **79, 30.120, 155.102** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 30.666, 339.891**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.581, 158.940**, and **59, 29.941, 155.510** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.161, 154.004**, and if you desaturate by 10%, it is **81, 19.839, 156.065**.

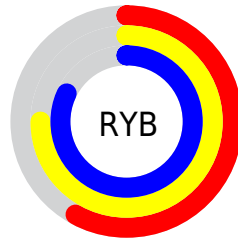
# Distribution



Red (58%)

Green (82%)

Blue (67%)



Red (58%)

Yellow (75%)

Blue (82%)

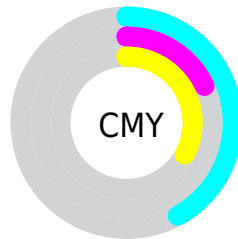


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (18%)



Cyan (42%)

Magenta (18%)


Yellow (33%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 30.120, 155.102 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, 30.120, 155.102 by changing the saturation by 10% instead.





 79, 30.120,  
155.102


 79, 30.120,  
155.102


 100, 30.120,  
155.102


 69, 30.120,  
155.102


 99, 30.120,  
155.102

 59, 30.120,  
155.102

 49, 30.120,  
155.102

 39, 30.120,  
155.102

 29, 30.120,  
155.102

 19, 30.120,  
155.102

 9, 30.120, 155.102

■ 0, 30.120, 155.102

■ 79, 30.120,  
155.102

■ 79, 30.120,  
155.102

■ 78, 40.161,  
154.004

■ 81, 19.839,  
156.065

■ 77, 49.782,  
152.750

■ 82, 9.469, 156.928

■ 76, 58.796,  
151.314

■ 84, 0.862, 337.198

■ 86, 11.058,  
338.265

■ 75, 67.029,  
149.682

■ 88, 21.047,  
338.879

■ 74, 74.340,  
147.849

■ 89, 26.409,  
329.065

■ 74, 80.650,  
145.836

■ 89, 28.742,

■ 74, 86.010,  
143.735

325.425

■ 74, 86.431,  
143.570

# Harmonies

# Complementary

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



79, 30.120, 155.102



68, 30.666, 339.891

# Rectangle

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



79, 30.120, 155.102



79, 30.120, 205.102



79, 30.120, 335.102



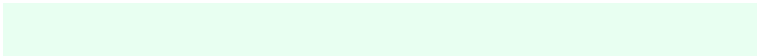
79, 30.120, 25.102

# Sweetspot

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



79, 30.121, 155.101



98, 10.916, 156.933



81, 33.108, 122.745



52, 7.590, 156.810



0, 0.000, 0.000



53, 0.007, 296.813



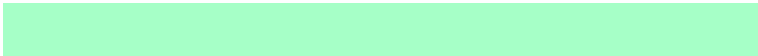


# Same Dimension

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



79, 30.121, 155.101



93, 42.288, 154.435



80, 21.260, 186.029



43, 5.859, 156.908



60, 72.944, 143.925



13, 24.755, 149.827



# Inverse Universe

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



68, 30.666, 339.891



78, 43.159, 340.472



67, 24.621, 11.548



41, 5.902, 338.231



37, 64.798, 350.729



5, 23.391, 345.736



# Previews

## White Background



This preview shows how the CIELCh color 79, 30.120, 155.102 looks on a white background.

## Color Contrast Check

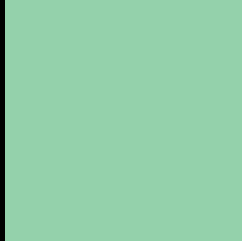
Large Text (above 18pt) WCAG AA × Fail

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, 30.120, 155.102 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

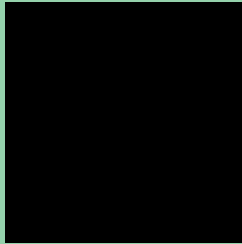
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 79, 30.120, 155.102

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.120, 155.102.

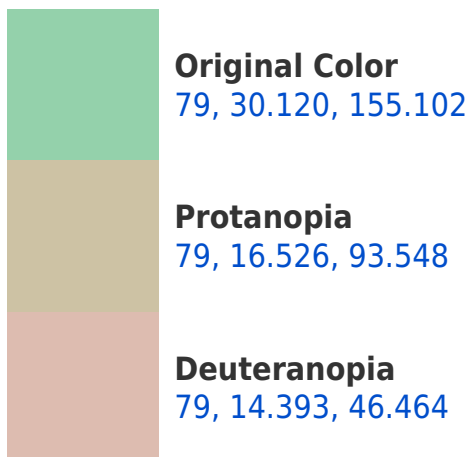


This preview shows how white text looks on a background with the CIELCh color 79, 30.120, 155.102.

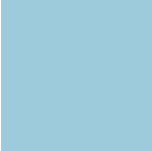
# Color Blindness Simulation

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**  
79, 16.881, 229.087

# Trichromacy



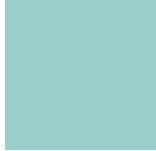
**Original Color**  
79, 30.120, 155.102



**Protanomaly**  
79, 18.588, 127.793



**Deuteranomaly**  
79, 11.707, 110.971

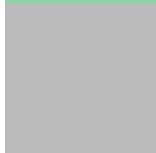


**Tritanomaly**  
79, 17.550, 192.859

# Monochromacy



**Original Color**  
79, 30.120, 155.102



**Achromatopsia**  
76, 0.009, 296.813



**Achromatomaly**  
77, 11.125, 156.167

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 30.120, 155.102 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(148, 209, 171)` looks like.

```
.text, #text, p{  
    color:rgb(148, 209, 171)  
}
```

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(148, 209, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 209, 171) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 30.120, 155.102 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(148, 209, 171) }
```

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

```
.border{ border-color:rgb(148, 209, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 209, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 209, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 209, 171); box-shadow:4px 4px 4px 4px rgb(148, 209, 171) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 30.120, 155.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 209, 171) }
```

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

```
.background{ background-color: rgb(148,  
209, 171) }
```

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