

Converting Colors

CIELCh(79, 28.891, 138.459)

Have a look what the booklet for
CIELCh(79, 28.891, 138.459)
contains.

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Color

CIELCh(79, 29.035, 138.510)

Conversions

Conversions Part 1

Format	Color
Hex	A7CE9F
RGB	167, 206, 159
RGB Percent	65%, 81%, 62%
CMY	0.3447, 0.1917, 0.3761
CMYK	0.19, 0.00, 0.23, 0.19
HSL	110°, 32%, 72%
HSV	110°, 23%, 81%
XYZ	44.3229, 54.9284, 41.1144
YIQ	188.9810, -8.1570, -22.8850

Conversions

Conversions Part 2

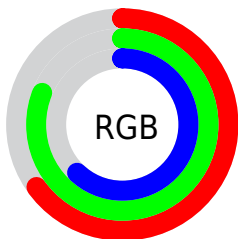
Format	Color
RYB	159, 206, 198
Decimal	10997407
CIELab	79.00, -21.75, 19.24
CIELCh	79, 29.035, 138.510
Yxy	54.9284, 0.3158, 0.3913
Android (android.graphics.Color)	4289187487 (0xFFA7CE9F)
YUV	188.9810, -14.7806, -19.2773
Hunter-Lab	74.1137, -22.9489, 18.9886

Details

The CIELCh color **79, 29.035, 138.510** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 29.296, 320.723**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 23.927, 137.463**, and **59, 29.541, 138.523** is the 20% darker color. If you saturate the color by 10%, you get **78, 41.719, 137.869**, and if you desaturate by 10%, it is **81, 16.258, 139.085**.

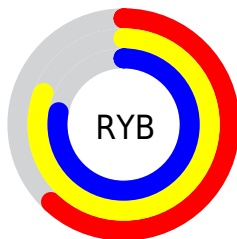
Distribution



Red (65%)

Green (81%)

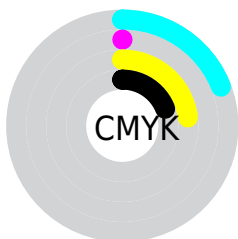
Blue (62%)



Red (62%)

Yellow (81%)

Blue (78%)

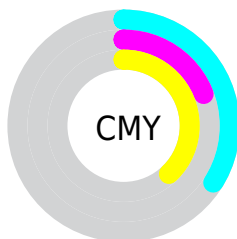


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (19%)



Cyan (34%)


Magenta (19%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 29.035, 138.510 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, 29.035, 138.510 by changing the saturation by 10% instead.


 79, 29.035,
138.510


 79, 29.035,
138.510


 100, 29.035,
138.510


 69, 29.035,
138.510


 99, 29.035,
138.510

 59, 29.035,
138.510

 49, 29.035,
138.510

 39, 29.035,
138.510

 29, 29.035,
138.510

 19, 29.035,
138.510

 9, 29.035, 138.510

0, 29.035, 138.510

79, 29.035,
138.510

79, 29.035,
138.510

78, 41.719,
137.869

81, 16.258,
139.085

76, 54.096,
137.169

82, 3.535, 139.631

75, 65.885,
136.439

84, 9.022, 319.972

86, 21.338,
320.354

74, 76.712,
135.738

88, 30.223,
324.125

74, 86.098,
135.160

88, 30.654,
325.491

73, 93.498,
134.832

■ 73, 98.453,
134.869

■ 73, 100.682,
135.041

Harmonies

Complementary

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



79, 29.035, 138.510



70, 29.296, 320.723

Rectangle

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



79, 29.035, 138.510



79, 29.035, 188.510



79, 29.035, 318.510



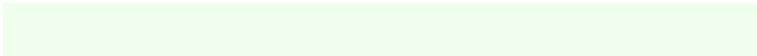
79, 29.035, 8.510

Sweetspot

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



79, 29.037, 138.511



99, 10.526, 139.389



80, 20.607, 98.788



52, 6.843, 139.357



0, 0.000, 0.000



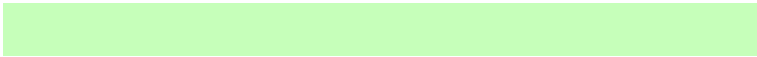
53, 0.007, 296.813

Same Dimension

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



79, 29.037, 138.511



95, 40.858, 138.228



79, 24.417, 153.204



42, 7.128, 139.268



59, 85.474, 134.911



12, 27.280, 139.486

Inverse Universe

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



70, 29.296, 320.723



83, 41.283, 320.928



71, 24.664, 336.600



40, 7.163, 320.100



34, 84.938, 321.813



4, 27.285, 320.689

Previews

White Background



This preview shows how the CIELCh color 79, 29.035, 138.510 looks on a white background.

Color Contrast Check

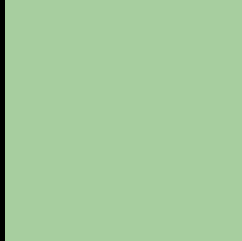
Large Text (above 18pt) WCAG AA × Fail

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, 29.035, 138.510 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, 29.035, 138.510

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.035, 138.510.



This preview shows how white text looks on a background with the CIELCh color 79, 29.035, 138.510.

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, 29.035, 138.510

Protanopia
79, 22.365, 94.724

Deuteranopia
79, 20.030, 61.462



Tritanopia
79, 11.097, 245.421

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.035, 138.510 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(167, 206, 159)` looks like.

```
.text, #text, p{  
    color:rgb(167, 206, 159)  
}
```

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(167, 206, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 206, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.035, 138.510 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(167, 206, 159) }
```

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

```
.border{ border-color:rgb(167, 206, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 206, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 206, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 206, 159);  
box-shadow:4px 4px 4px 4px rgb(167, 206,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.035, 138.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 206, 159) }
```

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

```
.background{ background-color: rgb(167,  
206, 159) }
```

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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