

Converting Colors

CIELCh(78, 35.985, 141.524)

Have a look what the booklet for
CIELCh(78, 35.985, 141.524)
contains.

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Color

CIELCh(78, 35.910, 141.293)

Conversions

Conversions Part 1

Format	Color
Hex	99CE96
RGB	153, 206, 150
RGB Percent	60%, 81%, 59%
CMY	0.3994, 0.1915, 0.4112
CMYK	0.26, 0.00, 0.27, 0.19
HSL	117°, 36%, 70%
HSV	117°, 27%, 81%
XYZ	40.7916, 53.2120, 37.0381
YIQ	183.7690, -13.6120, -28.6520

Conversions

Conversions Part 2

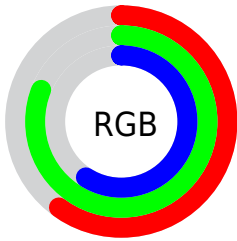
Format	Color
RYB	150, 206, 203
Decimal	10079894
CIELab	78.00, -28.02, 22.46
CIELCh	78, 35.910, 141.293
Yxy	53.2120, 0.3113, 0.4061
Android (android.graphics.Color)	4288269974 (0xFF99CE96)
YUV	183.7690, -16.6481, -26.9844
Hunter-Lab	72.9466, -27.8396, 20.9585

Details

The CIELCh color **78, 35.910, 141.293** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 36.017, 324.378**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 31.154, 141.158**, and **58, 35.633, 141.581** is the 20% darker color. If you saturate the color by 10%, you get **77, 48.927, 140.472**, and if you desaturate by 10%, it is **80, 22.668, 142.013**.

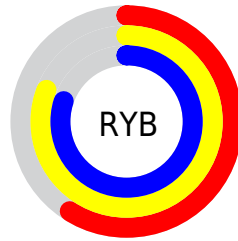
Distribution



Red (60%)

Green (81%)

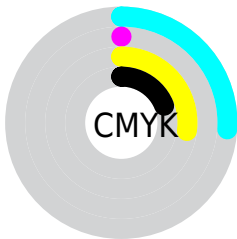
Blue (59%)



Red (59%)

Yellow (81%)

Blue (80%)

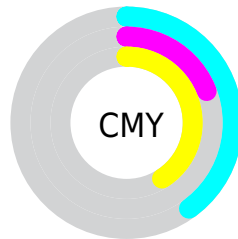


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (19%)



Cyan (40%)


Magenta (19%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.910, 141.293 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 78, 35.910, 141.293 by changing the saturation by 10% instead.


 78, 35.910,
141.293


 78, 35.910,
141.293


 100, 35.910,
141.293


 68, 35.910,
141.293


 98, 35.910,
141.293

 58, 35.910,
141.293

 48, 35.910,
141.293

 38, 35.910,
141.293

 28, 35.910,
141.293

 18, 35.910,
141.293

 8, 35.910, 141.293

0, 35.910, 141.293

78, 35.910,
141.293

78, 35.910,
141.293

77, 48.927,
140.472

80, 22.668,
142.013

75, 61.429,
139.557

81, 9.412, 142.644

74, 73.051,
138.580

83, 3.700, 323.073

86, 16.558,
323.570

74, 83.333,
137.609

88, 29.091,
323.953

73, 91.742,
136.756

88, 30.624,
325.490

73, 97.748,
136.159

■ 72, 101.104,
135.903

■ 72, 101.769,
135.822

Harmonies

Complementary

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



78, 35.910, 141.293



69, 36.017, 324.378

Rectangle

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



78, 35.910, 141.293



78, 35.910, 191.293



78, 35.910, 321.293



78, 35.910, 11.293

Sweetspot

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



78, 35.912, 141.293



98, 12.491, 142.587



81, 27.512, 104.578



52, 8.887, 142.495



0, 0.000, 0.000



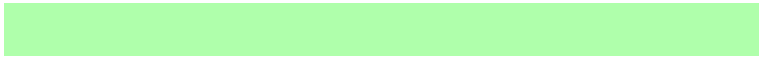
53, 0.007, 296.813

Same Dimension

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



78, 35.912, 141.293



93, 51.737, 140.793



78, 26.561, 157.862



42, 7.396, 142.509



59, 86.459, 135.763



12, 28.237, 141.873

Inverse Universe

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



69, 36.017, 324.378



80, 51.883, 324.684



68, 27.196, 342.514



40, 7.414, 323.461



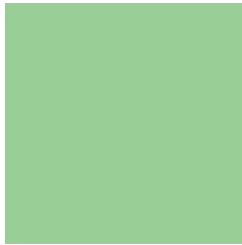
38, 83.949, 326.149



5, 28.509, 325.448

Previews

White Background



This preview shows how the CIELCh color 78, 35.910, 141.293 looks on a white background.

Color Contrast Check

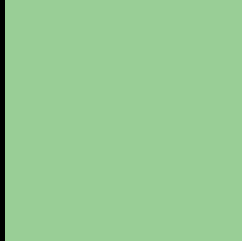
Large Text (above 18pt) WCAG AA × Fail

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 78, 35.910, 141.293 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 78, 35.910, 141.293

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.910, 141.293.



This preview shows how white text looks on a background with the CIELCh color 78, 35.910, 141.293.

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

78, 35.910, 141.293

Protanopia

78, 26.129, 95.218

Deuteranopia

78, 22.678, 64.615



Tritanopia
78, 14.092, 236.391

Trichromacy



Original Color
78, 35.910, 141.293

Protanomaly
78, 27.271, 116.066

Deuteranomaly
78, 21.351, 102.843

Tritanomaly
78, 15.579, 178.082

Monochromacy



Original Color
78, 35.910, 141.293

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 12.952, 142.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.910, 141.293 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(153, 206, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 206, 150)  
}
```

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(153, 206, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 206, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.910, 141.293 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(153, 206, 150) }
```

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

```
.border{ border-color:rgb(153, 206, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 206, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 206, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 206, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 206,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.910, 141.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 206, 150) }
```

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

```
.background{ background-color: rgb(153,  
206, 150) }
```

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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