

Converting Colors

CIELCh(79, 41.078, 140.160)

Have a look what the booklet for
CIELCh(79, 41.078, 140.160)
contains.

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Color

CIELCh(79, 40.986, 140.032)

Conversions

Conversions Part 1

Format	Color
Hex	97D291
RGB	151, 210, 145
RGB Percent	59%, 82%, 57%
CMY	0.4065, 0.1751, 0.4301
CMYK	0.28, 0.00, 0.31, 0.18
HSL	114°, 42%, 70%
HSV	114°, 31%, 82%
XYZ	41.0912, 54.9284, 35.3549
YIQ	184.9490, -14.2990, -32.7230

Conversions

Conversions Part 2

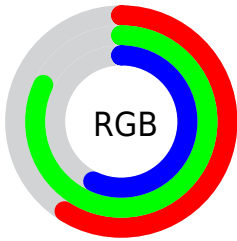
Format	Color
RYB	145, 210, 204
Decimal	9949841
CIELab	79.00, -31.41, 26.33
CIElCh	79, 40.986, 140.032
Yxy	54.9284, 0.3128, 0.4181
Android (android.graphics.Color)	4288139921 (0xFF97D291)
YUV	184.9490, -19.6949, -29.7733
Hunter-Lab	74.1137, -30.7325, 23.5961

Details

The CIELCh color **79, 40.986, 140.032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 41.214, 323.425**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 33.519, 139.303**, and **59, 40.870, 140.072** is the 20% darker color. If you saturate the color by 10%, you get **78, 53.925, 139.233**, and if you desaturate by 10%, it is **81, 27.743, 140.745**.

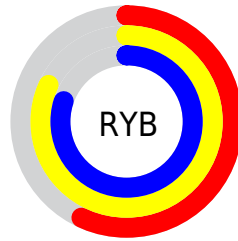
Distribution



Red (59%)

Green (82%)

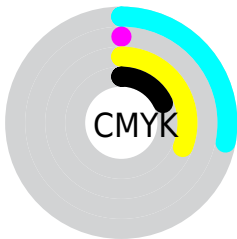
Blue (57%)



Red (57%)

Yellow (82%)

Blue (80%)

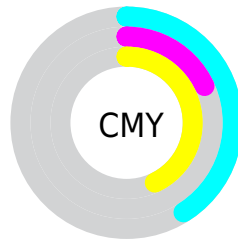


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (41%)


Magenta (18%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 40.986, 140.032 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, 40.986, 140.032 by changing the saturation by 10% instead.


 79, 40.986,
140.032

 79, 40.986,
140.032


 100, 40.986,
140.032


 69, 40.986,
140.032


 99, 40.986,
140.032

 59, 40.986,
140.032

 49, 40.986,
140.032

 39, 40.986,
140.032

 29, 40.986,
140.032

 19, 40.986,
140.032

 9, 40.986, 140.032

■ 0, 40.986, 140.032

■ 79, 40.986,
140.032

■ 79, 40.986,
140.032

■ 78, 53.925,
139.233

■ 81, 27.743,
140.745

■ 77, 66.253,
138.366

■ 82, 14.421,
141.370

■ 76, 77.577,
137.477

■ 84, 1.189, 142.090

■ 75, 87.408,
136.653


■ 86, 11.832,
322.315

■ 74, 95.185,
136.018

■ 88, 24.563,
322.710

■ 74, 100.416,
135.701

■ 89, 27.988,
325.399

 74, 103.064,
135.645

Harmonies

Complementary

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



79, 40.986, 140.032



68, 41.214, 323.425

Rectangle

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



79, 40.986, 140.032



79, 40.986, 190.032



79, 40.986, 320.032



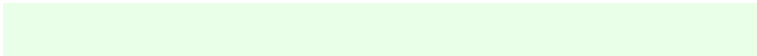
79, 40.986, 10.032

Sweetspot

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



79, 40.988, 140.033



98, 13.888, 141.476



81, 30.774, 102.521



52, 9.660, 141.390



0, 0.000, 0.000



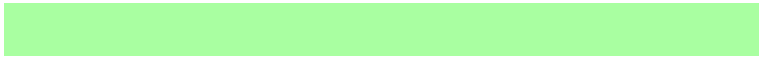
53, 0.007, 296.813

Same Dimension

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



79, 40.988, 140.033



93, 57.172, 139.522



79, 31.469, 155.932



43, 7.455, 141.458



60, 87.200, 135.562



13, 29.675, 140.204

Inverse Universe

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



68, 41.214, 323.425



77, 57.501, 323.722



68, 32.158, 341.183



41, 7.479, 322.368



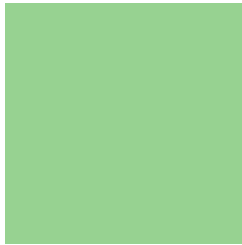
37, 85.164, 324.668



5, 30.332, 324.404

Previews

White Background



This preview shows how the CIELCh color 79, 40.986, 140.032 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 79, 40.986, 140.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

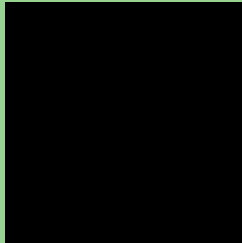
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 40.986, 140.032

Background



This preview shows how black text looks on a background with the CIELCh color 79, 40.986, 140.032.

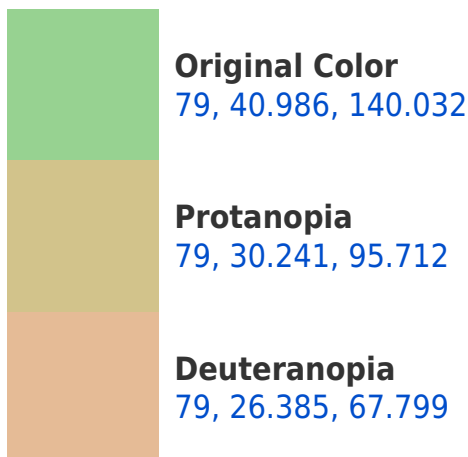


This preview shows how white text looks on a background with the CIELCh color 79, 40.986, 140.032.

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, 14.827, 234.081

Trichromacy



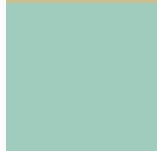
Original Color
79, 40.986, 140.032



Protanomaly
79, 31.903, 115.956



Deuteranomaly
78, 25.011, 102.335



Tritanomaly
79, 17.490, 174.648

Monochromacy



Original Color
79, 40.986, 140.032



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 14.703, 141.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 40.986, 140.032 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(151, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 210, 145)  
}
```

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(151, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 210, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 40.986, 140.032 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(151, 210, 145) }
```

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

```
.border{ border-color:rgb(151, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(151, 210,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 40.986, 140.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 210, 145) }
```

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

```
.background{ background-color: rgb(151,  
210, 145) }
```

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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