

Converting Colors

CIELCh(79, 39.698, 140.029)

Have a look what the booklet for
CIELCh(79, 39.698, 140.029)
contains.

| | |
|--|----|
| CIELCh(79, 39.698, 140.029) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(79, 39.698, 140.029)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99D293 |
| RGB | 153, 210, 147 |
| RGB Percent | 60%, 82%, 58% |
| CMY | 0.4003, 0.1767, 0.4238 |
| CMYK | 0.27, 0.00, 0.30, 0.18 |
| HSL | 114°, 41%, 70% |
| HSV | 114°, 30%, 82% |
| XYZ | 41.4143, 54.9284, 35.9959 |
| YIQ | 185.7750, -13.7490, -31.6770 |

Conversions

Conversions Part 2

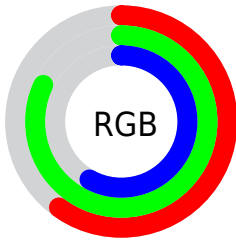
| Format | Color |
|-------------------------------------|--|
| RYB | 147, 210, 204 |
| Decimal | 10080915 |
| CIELab | 79.00, -30.42, 25.50 |
| CIElCh | 79, 39.698, 140.029 |
| Yxy | 54.9284, 0.3129, 0.4151 |
| Android (android.graphics.Color) | 4288270995 (0xFF99D293) |
| YUV | 185.7750, -19.1161, -28.7437 |
| Hunter-Lab | 74.1137, -29.9542, 23.0833 |

Details

The CIELCh color **79, 39.698, 140.029** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 39.924, 323.299**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 32.264, 139.207**, and **59, 39.540, 140.128** is the 20% darker color. If you saturate the color by 10%, you get **78, 52.646, 139.242**, and if you desaturate by 10%, it is **81, 26.472, 140.730**.

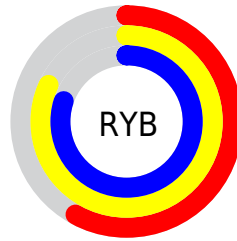
Distribution



Red (60%)

Green (82%)

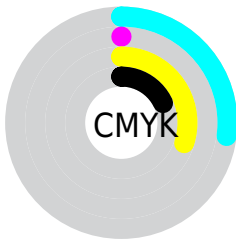
Blue (58%)



Red (58%)

Yellow (82%)

Blue (80%)

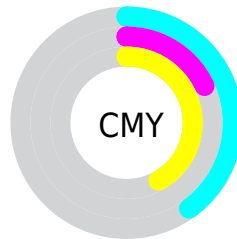


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (40%)


Magenta (18%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.698, 140.029 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, 39.698, 140.029 by changing the saturation by 10% instead.


 79, 39.698,
140.029

 79, 39.698,
140.029


 100, 39.698,
140.029


 69, 39.698,
140.029


 99, 39.698,
140.029

 59, 39.698,
140.029

 49, 39.698,
140.029

 39, 39.698,
140.029

 29, 39.698,
140.029

 19, 39.698,
140.029

 9, 39.698, 140.029

0, 39.698, 140.029

79, 39.698,
140.029

79, 39.698,
140.029

78, 52.646,
139.242

81, 26.472,
140.730

77, 65.016,
138.385

82, 13.186,
141.346

76, 76.429,
137.502

84, 0.005, 205.405

75, 86.405,
136.675


86, 12.964,
322.274

74, 94.387,
136.026

88, 25.636,
322.660

74, 99.866,
135.688

89, 28.249,
325.408

 74, 102.889,
135.629

Harmonies

Complementary

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



79, 39.698, 140.029



68, 39.924, 323.299

Rectangle

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



79, 39.698, 140.029



79, 39.698, 190.029



79, 39.698, 320.029



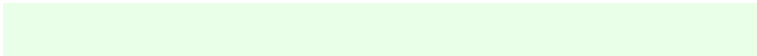
79, 39.698, 10.029

Sweetspot

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



79, 39.700, 140.030



98, 13.876, 141.399



81, 29.836, 102.619



52, 9.651, 141.313



0, 0.000, 0.000



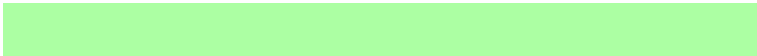
53, 0.007, 296.813

Same Dimension

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



79, 39.700, 140.030



93, 55.614, 139.535



79, 30.516, 156.028



43, 7.448, 141.381



60, 87.179, 135.545



13, 29.649, 140.145

Inverse Universe

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



68, 39.924, 323.299



78, 55.948, 323.593



68, 31.168, 341.096



41, 7.472, 322.288



37, 85.186, 324.563



5, 30.307, 324.297

Previews

White Background



This preview shows how the CIELCh color 79, 39.698, 140.029 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, 39.698, 140.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

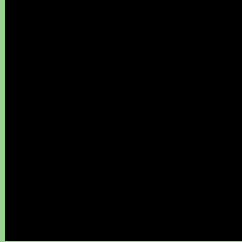
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.698, 140.029

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.698, 140.029.



This preview shows how white text looks on a background with the CIELCh color 79, 39.698, 140.029.

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, 39.698, 140.029

Protanopia
79, 29.730, 95.574

Deuteranopia
79, 25.260, 67.105



Tritanopia
79, 14.572, 234.809

Trichromacy



Original Color
79, 39.698, 140.029

Protanomaly
79, 30.337, 115.755

Deuteranomaly
78, 23.967, 102.210

Tritanomaly
79, 16.631, 175.447

Monochromacy



Original Color
79, 39.698, 140.029

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 14.688, 141.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.698, 140.029 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, 210, 147)` looks like.

```
.text, #text, p{  
    color:rgb(153, 210, 147)  
}
```

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, 210, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 210, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.698, 140.029 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, 210, 147) }
```

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

```
.border{ border-color:rgb(153, 210, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 210, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 210, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 210, 147);  
box-shadow:4px 4px 4px 4px rgb(153, 210,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.698, 140.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 210, 147) }
```

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

```
.background{ background-color: rgb(153,  
210, 147) }
```

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