

Converting Colors

CIELCh(79, 35.641, 140.864)

Have a look what the booklet for
CIELCh(79, 35.641, 140.864)
contains.

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Color

CIELCh(79, 35.609, 140.873)

Conversions

Conversions Part 1

Format	Color
Hex	9DD199
RGB	157, 209, 153
RGB Percent	62%, 82%, 60%
CMY	0.3852, 0.1813, 0.4008
CMYK	0.25, 0.00, 0.27, 0.18
HSL	116°, 38%, 71%
HSV	116°, 27%, 82%
XYZ	42.3387, 54.9284, 38.4152
YIQ	187.0680, -13.0160, -28.4400

Conversions

Conversions Part 2

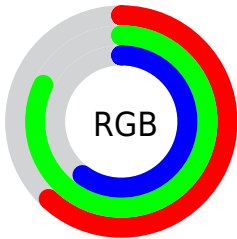
Format	Color
RYB	153, 209, 205
Decimal	10342809
CIELab	79.00, -27.62, 22.47
CIElCh	79, 35.609, 140.873
Yxy	54.9284, 0.3120, 0.4048
Android (android.graphics.Color)	4288532889 (0xFF9DD199)
YUV	187.0680, -16.7955, -26.3696
Hunter-Lab	74.1137, -27.7277, 21.1479

Details

The CIELCh color **79, 35.609, 140.873** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 35.750, 323.846**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.442, 140.519**, and **59, 35.301, 141.183** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.706, 140.080**, and if you desaturate by 10%, it is **81, 22.302, 141.571**.

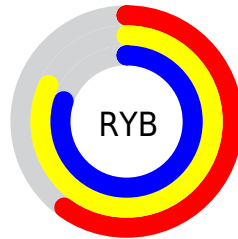
Distribution



Red (62%)

Green (82%)

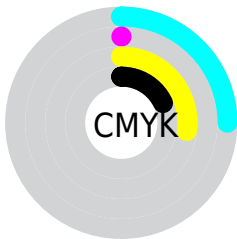
Blue (60%)



Red (60%)

Yellow (82%)

Blue (80%)

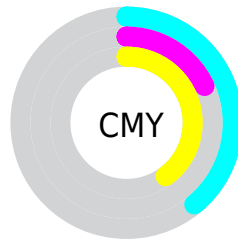


Cyan (25%)

Magenta (0%)

Yellow (27%)

Black (18%)



Cyan (39%)


Magenta (18%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 35.609, 140.873 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, 35.609, 140.873 by changing the saturation by 10% instead.


 79, 35.609,
140.873


 79, 35.609,
140.873


 100, 35.609,
140.873


 69, 35.609,
140.873


 99, 35.609,
140.873

 59, 35.609,
140.873

 49, 35.609,
140.873

 39, 35.609,
140.873

 29, 35.609,
140.873

 19, 35.609,
140.873

 9, 35.609, 140.873

■ 0, 35.609, 140.873

■ 79, 35.609,
140.873

■ 79, 35.609,
140.873

■ 78, 48.706,
140.080

■ 81, 22.302,
141.571

■ 76, 61.310,
139.200

■ 82, 8.990, 142.185

■ 75, 73.061,
138.265

■ 84, 4.175, 322.607

■ 87, 17.087,
323.085

■ 75, 83.506,
137.342

■ 89, 28.742,
324.664

■ 74, 92.105,
136.543

■ 89, 28.978,
325.433

■ 74, 98.318,
136.004

■ 73, 101.858,
135.814

■ 73, 102.634,
135.750

Harmonies

Complementary

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



79, 35.609, 140.873



70, 35.750, 323.846

Rectangle

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



79, 35.609, 140.873



79, 35.609, 190.873



79, 35.609, 320.873



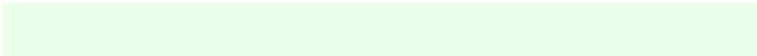
79, 35.609, 10.873

Sweetspot

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



79, 35.611, 140.873



98, 12.420, 142.109



81, 27.003, 103.802



52, 8.836, 142.019



0, 0.000, 0.000



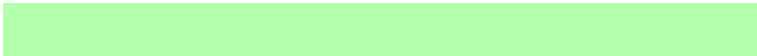
53, 0.007, 296.813

Same Dimension

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



79, 35.611, 140.873



94, 49.910, 140.445



79, 26.839, 157.117



43, 7.505, 142.031



60, 87.343, 135.682



13, 29.869, 140.641

Inverse Universe

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



70, 35.750, 323.846



80, 50.115, 324.114



69, 27.416, 341.630



41, 7.526, 322.965



38, 85.012, 325.467



5, 30.519, 325.201

Previews

White Background



This preview shows how the CIELCh color 79, 35.609, 140.873 looks on a white background.

Color Contrast Check

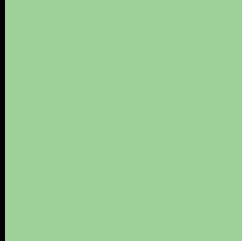
Large Text (above 18pt) WCAG AA × Fail

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, 35.609, 140.873 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, 35.609, 140.873

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.609, 140.873.



This preview shows how white text looks on a background with the CIELCh color 79, 35.609, 140.873.

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, 35.609, 140.873

Protanopia
79, 26.569, 95.447

Deuteranopia
79, 22.920, 63.930



Tritanopia
79, 13.575, 238.031

Trichromacy



Original Color
79, 35.609, 140.873

Protanomaly
79, 27.713, 115.900

Deuteranomaly
78, 21.352, 101.801

Tritanomaly
79, 14.928, 177.278

Monochromacy



Original Color
79, 35.609, 140.873

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.914, 142.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.609, 140.873 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(157, 209, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 153)  
}
```

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(157, 209, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.609, 140.873 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(157, 209, 153) }
```

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

```
.border{ border-color:rgb(157, 209, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 209, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 209, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 209, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 209,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.609, 140.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 209, 153) }
```

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

```
.background{ background-color: rgb(157,  
209, 153) }
```

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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