

Converting Colors

CIELCh(79, 33.933, 141.391)

Have a look what the booklet for
CIELCh(79, 33.933, 141.391)
contains.

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Color

CIELCh(79, 33.897, 141.345)

Conversions

Conversions Part 1

Format	Color
Hex	9ED09B
RGB	158, 208, 155
RGB Percent	62%, 82%, 61%
CMY	0.3793, 0.1831, 0.3911
CMYK	0.24, 0.00, 0.25, 0.18
HSL	117°, 36%, 71%
HSV	117°, 25%, 82%
XYZ	42.7233, 54.9284, 39.4831
YIQ	187.0080, -12.7870, -27.0830

Conversions

Conversions Part 2

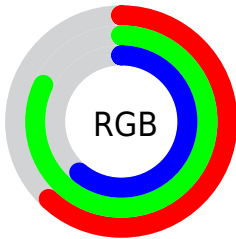
Format	Color
RYB	155, 208, 205
Decimal	10408091
CIELab	79.00, -26.47, 21.17
CIELCh	79, 33.897, 141.345
Yxy	54.9284, 0.3115, 0.4005
Android (android.graphics.Color)	4288598171 (0xFF9ED09B)
YUV	187.0080, -15.7799, -25.4400
Hunter-Lab	74.1137, -26.8014, 20.2936

Details

The CIELCh color **79, 33.897, 141.345** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 34.002, 324.204**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 27.577, 141.625**, and **59, 33.521, 141.757** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.069, 140.545**, and if you desaturate by 10%, it is **81, 20.541, 142.045**.

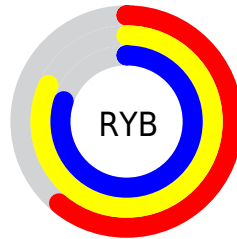
Distribution



Red (62%)

Green (82%)

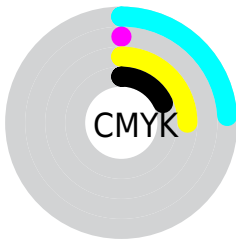
Blue (61%)



Red (61%)

Yellow (82%)

Blue (80%)

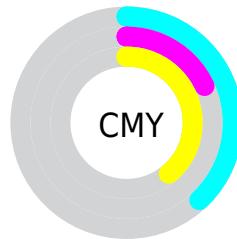


Cyan (24%)

Magenta (0%)

Yellow (25%)

Black (18%)



Cyan (38%)


Magenta (18%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.897, 141.345 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, 33.897, 141.345 by changing the saturation by 10% instead.


 79, 33.897,
141.345

 79, 33.897,
141.345


 100, 33.897,
141.345


 69, 33.897,
141.345


 99, 33.897,
141.345

 59, 33.897,
141.345

 49, 33.897,
141.345

 39, 33.897,
141.345

 29, 33.897,
141.345

 19, 33.897,
141.345

 9, 33.897, 141.345

■ 0, 33.897, 141.345

■ 79, 33.897,
141.345

■ 79, 33.897,
141.345

■ 78, 47.069,
140.545

■ 81, 20.541,
142.045

■ 76, 59.779,
139.650

■ 83, 7.202, 142.665

■ 75, 71.672,
138.686

■ 85, 5.970, 323.095

■ 87, 18.872,
323.555

■ 74, 82.305,
137.715

■ 89, 29.280,
325.444

■ 74, 91.145,
136.843

■ 73, 97.647,
136.205

■ 73,101.455,
135.916

■ 73,102.544,
135.812

Harmonies

Complementary

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



79, 33.897, 141.345



70, 34.002, 324.204

Rectangle

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



79, 33.897, 141.345



79, 33.897, 191.345



79, 33.897, 321.345



79, 33.897, 11.345

Sweetspot

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



79, 33.899, 141.345



98, 12.478, 142.505



81, 26.008, 104.754



52, 8.878, 142.412



0, 0.000, 0.000



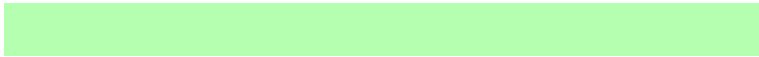
53, 0.007, 296.813

Same Dimension

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



79, 33.899, 141.345



94, 48.595, 140.885



79, 25.113, 158.036



43, 7.541, 142.425



60, 87.428, 135.753



13, 30.006, 140.942

Inverse Universe

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



70, 34.002, 324.204



81, 48.746, 324.496



70, 25.679, 342.351



41, 7.560, 323.376



38, 84.919, 326.028



5, 30.646, 325.750

Previews

White Background



This preview shows how the CIELCh color 79, 33.897, 141.345 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, 33.897, 141.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

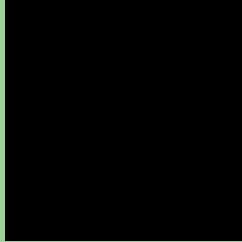
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.897, 141.345

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.897, 141.345.

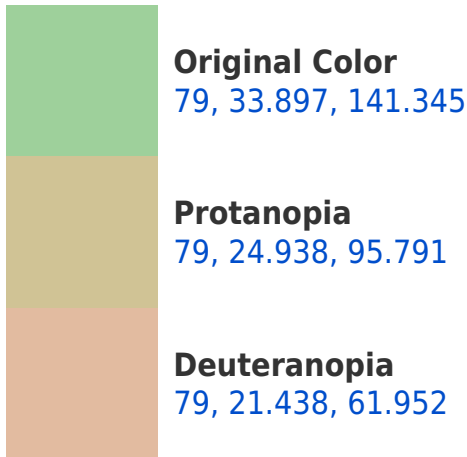


This preview shows how white text looks on a background with the CIELCh color 79, 33.897, 141.345.

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, 13.328, 238.915

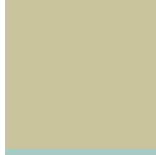
Trichromacy



Original Color
79, 33.897, 141.345



Protanomaly
79, 26.171, 116.492



Deuteranomaly
78, 19.780, 101.472



Tritanomaly
79, 14.391, 178.777

Monochromacy



Original Color
79, 33.897, 141.345



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 12.708, 141.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.897, 141.345 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(158, 208, 155)` looks like.

```
.text, #text, p{  
    color:rgb(158, 208, 155)  
}
```

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(158, 208, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 208, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.897, 141.345 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(158, 208, 155) }
```

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

```
.border{ border-color:rgb(158, 208, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 208, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 208, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 208, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 208,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.897, 141.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 208, 155) }
```

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

```
.background{ background-color: rgb(158,  
208, 155) }
```

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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