

Converting Colors

CIELCh(79, 33.425, 133.177)

Have a look what the booklet for
CIELCh(79, 33.425, 133.177)
contains.

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Color

CIELCh(79, 33.327, 132.835)

Conversions

Conversions Part 1

Format	Color
Hex	A9CE95
RGB	169, 206, 149
RGB Percent	66%, 81%, 58%
CMY	0.3361, 0.1910, 0.4146
CMYK	0.18, 0.00, 0.28, 0.19
HSL	99°, 37%, 70%
HSV	99°, 28%, 81%
XYZ	44.0118, 54.9284, 36.8322
YIQ	188.4390, -3.7550, -25.5710

Conversions

Conversions Part 2

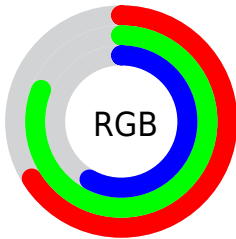
Format	Color
RYB	149, 206, 186
Decimal	11128469
CIELab	79.00, -22.66, 24.44
CIElCh	79, 33.327, 132.835
Yxy	54.9284, 0.3242, 0.4046
Android (android.graphics.Color)	4289318549 (0xFFA9CE95)
YUV	188.4390, -19.4434, -17.0480
Hunter-Lab	74.1137, -23.6983, 22.4143

Details

The CIELCh color **79, 33.327, 132.835** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 34.172, 315.286**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 28.638, 130.802**, and **59, 33.505, 133.019** is the 20% darker color. If you saturate the color by 10%, you get **78, 45.223, 132.317**, and if you desaturate by 10%, it is **80, 21.268, 133.334**.

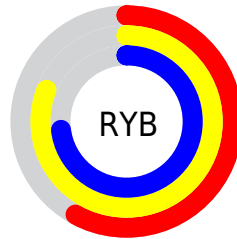
Distribution



Red (66%)

Green (81%)

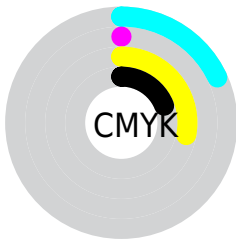
Blue (58%)



Red (58%)

Yellow (81%)

Blue (73%)

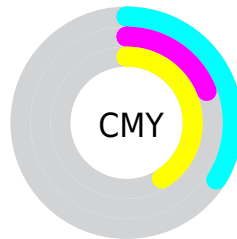


Cyan (18%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (34%)


Magenta (19%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.327, 132.835 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, 33.327, 132.835 by changing the saturation by 10% instead.


 79, 33.327,
132.835


 79, 33.327,
132.835


 100, 33.327,
132.835


 69, 33.327,
132.835


 99, 33.327,
132.835

 59, 33.327,
132.835

 49, 33.327,
132.835

 39, 33.327,
132.835

 29, 33.327,
132.835

 19, 33.327,
132.835

 9, 33.327, 132.835

■ 0, 33.327, 132.835

■ 79, 33.327,
132.835

■ 79, 33.327,
132.835

■ 78, 45.223,
132.317

■ 80, 21.268,
133.334

■ 77, 56.757,
131.804

■ 82, 9.180, 133.801

■ 76, 67.656,
131.348

■ 83, 2.836, 314.135

■ 75, 77.542,
131.032

■ 85, 14.712,
314.549

■ 74, 85.931,
130.972

■ 87, 26.398,
314.877

■ 74, 92.313,
131.294

■ 88, 29.589,
322.343

■ 88, 30.539,

■ 73, 96.454,
132.052

325.487

■ 73, 97.266,
132.233

Harmonies

Complementary

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



79, 33.327, 132.835



67, 34.172, 315.286

Rectangle

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



79, 33.327, 132.835



79, 33.327, 182.835



79, 33.327, 312.835



79, 33.327, 2.835

Sweetspot

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



79, 33.329, 132.836



99, 11.422, 133.780



76, 21.146, 84.784



52, 8.123, 133.710



0, 0.000, 0.000



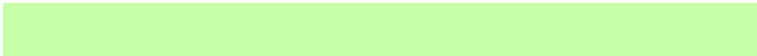
53, 0.007, 296.813

Same Dimension

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



79, 33.329, 132.836



95, 47.188, 132.538



78, 33.902, 146.324



42, 6.761, 133.720



60, 82.448, 132.014



13, 25.824, 135.245

Inverse Universe

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



67, 34.172, 315.286



78, 48.642, 315.543



69, 33.970, 329.955



40, 6.825, 314.475



29, 87.544, 315.891



3, 25.484, 312.672

Previews

White Background



This preview shows how the CIELCh color 79, 33.327, 132.835 looks on a white background.

Color Contrast Check

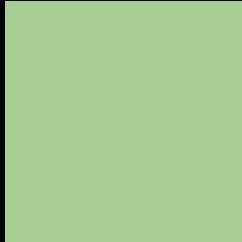
Large Text (above 18pt) WCAG AA × Fail

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, 33.327, 132.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

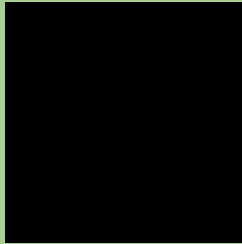
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.327, 132.835

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.327, 132.835.



This preview shows how white text looks on a background with the CIELCh color 79, 33.327, 132.835.

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, 33.327, 132.835

Protanopia
79, 27.595, 95.778

Deuteranopia
79, 24.843, 66.386



Tritanopia
79, 10.633, 252.841

Trichromacy



Original Color
79, 33.327, 132.835

Protanomaly
79, 27.989, 110.889

Deuteranomaly
79, 22.901, 94.946

Tritanomaly
79, 11.183, 166.900

Monochromacy



Original Color
79, 33.327, 132.835

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.791, 133.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.327, 132.835 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(169, 206, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 206, 149)  
}
```

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(169, 206, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 206, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.327, 132.835 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(169, 206, 149) }
```

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

```
.border{ border-color:rgb(169, 206, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 206, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 206, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 206, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 206,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.327, 132.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 206, 149) }
```

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

```
.background{ background-color: rgb(169,  
206, 149) }
```

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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