

Converting Colors

CIELCh(79, 34.043, 133.951)

Have a look what the booklet for
CIELCh(79, 34.043, 133.951)
contains.

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Color

CIELCh(79, 34.286, 134.092)

Conversions

Conversions Part 1

Format	Color
Hex	A7CF95
RGB	167, 207, 149
RGB Percent	65%, 81%, 58%
CMY	0.3456, 0.1887, 0.4162
CMYK	0.19, 0.00, 0.28, 0.19
HSL	101°, 38%, 70%
HSV	101°, 28%, 81%
XYZ	43.6041, 54.9284, 36.6851
YIQ	188.4280, -5.2220, -26.5180

Conversions

Conversions Part 2

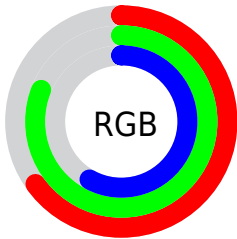
Format	Color
RYB	149, 207, 189
Decimal	10997653
CIELab	79.00, -23.86, 24.63
CIElCh	79, 34.286, 134.092
Yxy	54.9284, 0.3225, 0.4062
Android (android.graphics.Color)	4289187733 (0xFFA7CF95)
YUV	188.4280, -19.4380, -18.7924
Hunter-Lab	74.1137, -24.6800, 22.5320

Details

The CIELCh color **79, 34.286, 134.092** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 35.043, 316.603**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 28.939, 132.088**, and **59, 34.514, 134.292** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.350, 133.548**, and if you desaturate by 10%, it is **80, 22.052, 134.608**.

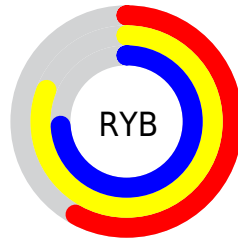
Distribution



Red (65%)

Green (81%)

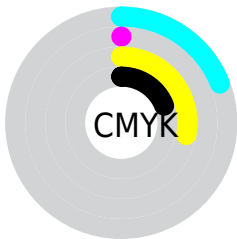
Blue (58%)



Red (58%)

Yellow (81%)

Blue (74%)

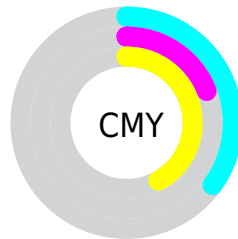


Cyan (19%)

Magenta (0%)

Yellow (28%)

Black (19%)



Cyan (35%)


Magenta (19%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 34.286, 134.092 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, 34.286, 134.092 by changing the saturation by 10% instead.


 79, 34.286,
134.092


 79, 34.286,
134.092


 100, 34.286,
134.092


 69, 34.286,
134.092

 99, 34.286,
134.092

 59, 34.286,
134.092

 49, 34.286,
134.092

 39, 34.286,
134.092

 29, 34.286,
134.092

 19, 34.286,
134.092

 9, 34.286, 134.092

■ 0, 34.286, 134.092

■ 79, 34.286,
134.092

■ 79, 34.286,
134.092

■ 78, 46.350,
133.548

■ 80, 22.052,
134.608

■ 77, 58.032,
133.001

■ 82, 9.789, 135.086

■ 76, 69.046,
132.502

■ 83, 2.394, 315.410

■ 75, 79.000,
132.134

■ 85, 14.422,
315.842

■ 74, 87.398,
132.012

■ 87, 26.246,
316.170

■ 74, 93.725,
132.265

■ 88, 29.720,
324.004

■ 88, 30.177,

■ 73, 97.774,
132.930

325.475

■ 73, 98.438,
133.057

Harmonies

Complementary

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



79, 34.286, 134.092



67, 35.043, 316.603

Rectangle

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



79, 34.286, 134.092



79, 34.286, 184.092



79, 34.286, 314.092



79, 34.286, 4.092

Sweetspot

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



79, 34.288, 134.093



99, 11.551, 135.084



77, 22.443, 88.872



52, 8.215, 135.012



0, 0.000, 0.000



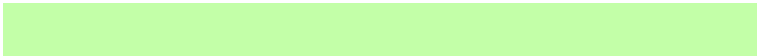
53, 0.007, 296.813

Same Dimension

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



79, 34.288, 134.093



94, 49.188, 133.748



78, 33.239, 147.881



43, 6.978, 135.022



61, 84.234, 132.868



14, 27.830, 135.441

Inverse Universe

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



67, 35.043, 316.603



77, 50.520, 316.879



69, 33.360, 331.711



41, 7.037, 315.783



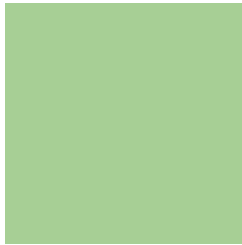
31, 87.856, 317.108



4, 28.242, 315.480

Previews

White Background



This preview shows how the CIELCh color 79, 34.286, 134.092 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, 34.286, 134.092 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, 34.286, 134.092

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.286, 134.092.



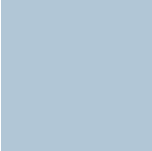
This preview shows how white text looks on a background with the CIELCh color 79, 34.286, 134.092.

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](#).

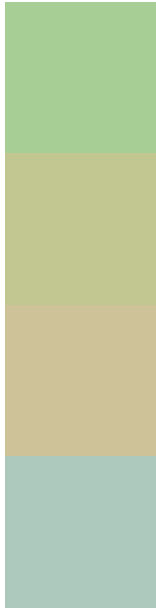
Dichromacy





Tritanopia
79, 11.042, 250.030

Trichromacy



Original Color
79, 34.286, 134.092

Protanomaly
79, 28.018, 111.701

Deuteranomaly
78, 22.810, 95.933

Tritanomaly
79, 11.788, 168.626

Monochromacy



Original Color
79, 34.286, 134.092

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.610, 135.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.286, 134.092 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(167, 207, 149)` looks like.

```
.text, #text, p{  
    color:rgb(167, 207, 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(167, 207, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 207, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.286, 134.092 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(167, 207, 149) }
```

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

```
.border{ border-color:rgb(167, 207, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 207, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 207, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 207, 149);  
box-shadow:4px 4px 4px 4px rgb(167, 207,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.286, 134.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 207, 149) }
```

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

```
.background{ background-color: rgb(167,  
207, 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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