

Converting Colors

CIELCh(79, 36.514, 127.874)

Have a look what the booklet for
CIELCh(79, 36.514, 127.874)
contains.

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Color

CIELCh(79, 36.514, 127.874)

Conversions

Conversions Part 1

Format	Color
Hex	ADCE8D
RGB	173, 206, 141
RGB Percent	68%, 81%, 55%
CMY	0.3217, 0.1923, 0.4472
CMYK	0.16, 0.00, 0.32, 0.19
HSL	90°, 40%, 68%
HSV	90°, 32%, 81%
XYZ	44.0943, 54.9284, 33.4645
YIQ	188.7230, 1.1970, -27.2110

Conversions

Conversions Part 2

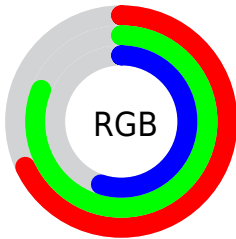
Format	Color
RYB	141, 206, 174
Decimal	11390605
CIELab	79.00, -22.42, 28.82
CIELCh	79, 36.514, 127.874
Yxy	54.9284, 0.3328, 0.4146
Android (android.graphics.Color)	4289580685 (0xFFADCE8D)
YUV	188.7230, -23.5274, -13.7891
Hunter-Lab	74.1137, -23.4994, 25.1084

Details

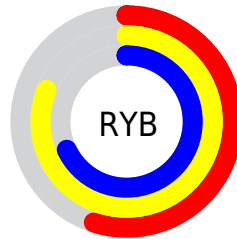
The CIELCh color **79, 36.514, 127.874** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 38.137, 310.864**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 31.881, 125.554**, and **59, 36.748, 127.775** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.785, 127.400**, and if you desaturate by 10%, it is **80, 25.008, 128.362**.

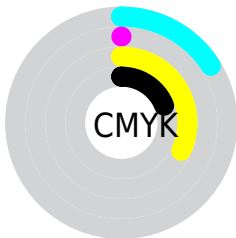
Distribution



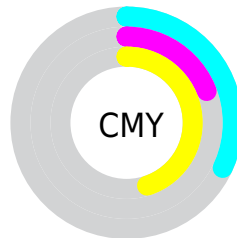
- Red (68%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)





- Cyan (32%)
- Magenta (19%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.514, 127.874 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, 36.514, 127.874 by changing the saturation by 10% instead.


 79, 36.514,
127.874

 79, 36.514,
127.874


 100, 36.514,
127.874


 69, 36.514,
127.874


 99, 36.514,
127.874

 59, 36.514,
127.874

 49, 36.514,
127.874

 39, 36.514,
127.874

 29, 36.514,
127.874

 19, 36.514,
127.874

 9, 36.514, 127.874

■ 0, 36.514, 127.874

■ 79, 36.514,
127.874

■ 79, 36.514,
127.874

■ 78, 47.785,
127.400

■ 80, 25.008,
128.362

■ 77, 58.612,
126.977

■ 81, 13.402,
128.837

■ 76, 68.705,
126.671

■ 83, 1.795, 129.340

■ 76, 77.661,
126.579

■ 84, 9.744, 309.669

■ 75, 84.987,
126.823

■ 85, 21.164,
310.048

■ 75, 90.240,
127.525

■ 87, 27.771,
313.535

■ 87, 29.231,

■ 74, 93.213,
128.417

320.271

■ 88, 30.744,
325.495

Harmonies

Complementary

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



79, 36.514, 127.874



64, 38.137, 310.864

Rectangle

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



79, 36.514, 127.874



79, 36.514, 177.874



79, 36.514, 307.874



79, 36.514, 357.874

Sweetspot

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



79, 36.516, 127.876



99, 12.402, 128.951



73, 22.247, 71.502



52, 8.621, 128.883



0, 0.000, 0.000



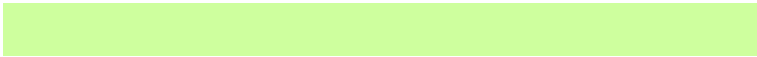
53, 0.007, 296.813

Same Dimension

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



79, 36.516, 127.876



95, 52.086, 127.544



77, 42.354, 142.212



42, 6.522, 128.938



61, 79.113, 128.164



13, 24.600, 130.730

Inverse Universe

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



64, 38.137, 310.864



73, 54.979, 311.234



67, 42.338, 326.142



40, 6.610, 309.743



26, 90.161, 312.166



3, 24.580, 306.932

Previews

White Background



This preview shows how the CIELCh color 79, 36.514, 127.874 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, 36.514, 127.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

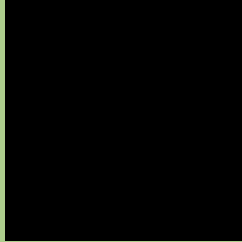
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.514, 127.874

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.514, 127.874.



This preview shows how white text looks on a background with the CIELCh color 79, 36.514, 127.874.

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, 36.514, 127.874

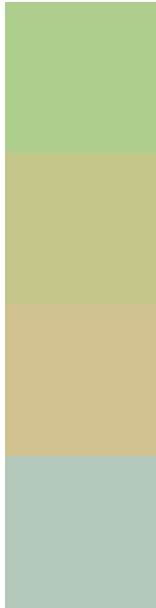
Protanopia
79, 31.859, 95.361

Deuteranopia
79, 28.811, 70.187



Tritanopia
79, 9.575, 262.719

Trichromacy



Original Color
79, 36.514, 127.874

Protanomaly
79, 32.076, 108.676

Deuteranomaly
79, 27.200, 94.758

Tritanomaly
79, 10.164, 155.681

Monochromacy



Original Color
79, 36.514, 127.874

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 13.125, 129.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.514, 127.874 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(173, 206, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 206, 141)  
}
```

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(173, 206, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 206, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.514, 127.874 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(173, 206, 141) }
```

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

```
.border{ border-color:rgb(173, 206, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 206, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 206, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 206, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 206,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.514, 127.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 206, 141) }
```

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

```
.background{ background-color: rgb(173,  
206, 141) }
```

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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