

Converting Colors

CIELCh(79, 33.636, 127.408)

Have a look what the booklet for
CIELCh(79, 33.636, 127.408)
contains.

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Color

CIELCh(79, 33.559, 127.114)

Conversions

Conversions Part 1

Format	Color
Hex	B0CD91
RGB	176, 205, 145
RGB Percent	69%, 80%, 57%
CMY	0.3099, 0.1961, 0.4314
CMYK	0.14, 0.00, 0.29, 0.20
HSL	89°, 37%, 69%
HSV	89°, 29%, 80%
XYZ	44.8392, 54.9284, 35.0216
YIQ	189.4890, 1.9760, -24.8080

Conversions

Conversions Part 2

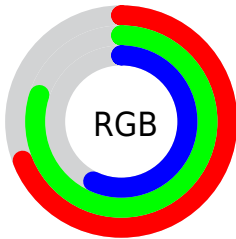
Format	Color
RYB	145, 205, 174
Decimal	11586961
CIELab	79.00, -20.25, 26.76
CIELCh	79, 33.559, 127.114
Yxy	54.9284, 0.3327, 0.4075
Android (android.graphics.Color)	4289777041 (0xFFB0CD91)
YUV	189.4890, -21.9331, -11.8299
Hunter-Lab	74.1137, -21.7054, 23.8628

Details

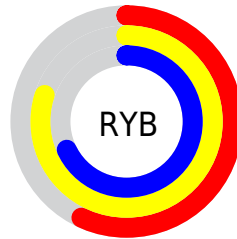
The CIELCh color **79, 33.559, 127.114** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 35.012, 309.934**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 29.619, 124.791**, and **59, 33.676, 127.029** is the 20% darker color. If you saturate the color by 10%, you get **78, 44.776, 126.634**, and if you desaturate by 10%, it is **80, 22.140, 127.605**.

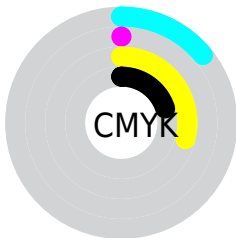
Distribution



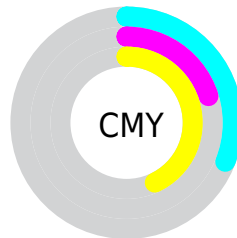
- Red (69%)
- Green (80%)
- Blue (57%)



- Red (57%)
- Yellow (80%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.559, 127.114 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, 33.559, 127.114 by changing the saturation by 10% instead.


 79, 33.559,
127.114

 79, 33.559,
127.114


 100, 33.559,
127.114


 69, 33.559,
127.114


 99, 33.559,
127.114

 59, 33.559,
127.114

 49, 33.559,
127.114

 39, 33.559,
127.114

 29, 33.559,
127.114

 19, 33.559,
127.114

 9, 33.559, 127.114

0, 33.559, 127.114

79, 33.559,
127.114

79, 33.559,
127.114

78, 44.776,
126.634

80, 22.140,
127.605

77, 55.604,
126.197

81, 10.642,
128.083

76, 65.778,
125.862

82, 0.846, 308.381

76, 74.924,
125.719

84, 12.260,
308.919

75, 82.567,
125.885

85, 23.558,
309.298

74, 88.236,
126.486

86, 28.351,
313.626

■ 74, 91.903,
127.524

■ 87, 29.721,
319.897

■ 74, 92.144,
127.599

■ 88, 31.360,
325.516

Harmonies

Complementary

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



79, 33.559, 127.114



65, 35.012, 309.934

Rectangle

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



79, 33.559, 127.114



79, 33.559, 177.114



79, 33.559, 307.114



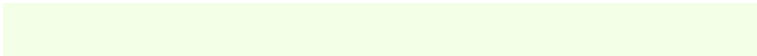
79, 33.559, 357.114

Sweetspot

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



79, 33.561, 127.116



99, 12.333, 128.090



73, 20.288, 70.039



52, 8.573, 128.021



0, 0.000, 0.000



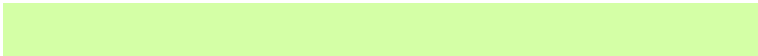
53, 0.007, 296.813

Same Dimension

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



79, 33.561, 127.116



95, 47.767, 126.816



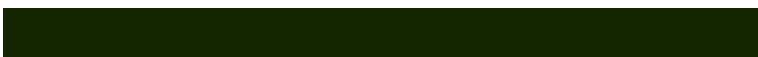
77, 38.956, 142.022



42, 6.486, 128.077



61, 78.495, 127.349



13, 24.391, 129.830

Inverse Universe

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



65, 35.012, 309.934



75, 50.331, 310.278



68, 38.987, 325.547



40, 6.578, 308.901



25, 90.630, 311.617



2, 24.465, 306.029

Previews

White Background



This preview shows how the CIELCh color 79, 33.559, 127.114 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, 33.559, 127.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

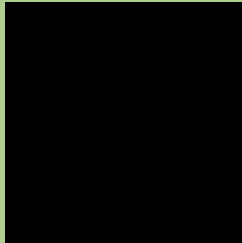
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.559, 127.114

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.559, 127.114.



This preview shows how white text looks on a background with the CIELCh color 79, 33.559, 127.114.

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](#).

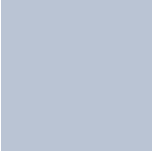
Dichromacy



Original Color
79, 33.559, 127.114

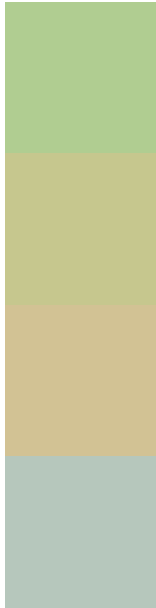
Protanopia
79, 29.220, 95.429

Deuteranopia
79, 26.810, 68.447



Tritanopia
79, 9.166, 268.504

Trichromacy



Original Color
79, 33.559, 127.114

Protanomaly
79, 30.007, 108.191

Deuteranomaly
79, 25.257, 93.069

Tritanomaly
79, 8.622, 155.927

Monochromacy



Original Color
79, 33.559, 127.114

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.488, 128.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.559, 127.114 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(176, 205, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 145)  
}
```

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(176, 205, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.559, 127.114 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(176, 205, 145) }
```

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

```
.border{ border-color:rgb(176, 205, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 205, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 145);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.559, 127.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 145) }
```

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

```
.background{ background-color: rgb(176,  
205, 145) }
```

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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