

Converting Colors

CIELCh(79, 53.951, 126.294)

Have a look what the booklet for
CIELCh(79, 53.951, 126.294)
contains.

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Color

CIELCh(79, 53.969, 126.532)

Conversions

Conversions Part 1

Format	Color
Hex	A2D270
RGB	162, 210, 112
RGB Percent	64%, 82%, 44%
CMY	0.3648, 0.1766, 0.5609
CMYK	0.23, 0.00, 0.47, 0.18
HSL	89°, 52%, 63%
HSV	89°, 47%, 82%
XYZ	40.8587, 54.9284, 23.7711
YIQ	184.4760, 2.8500, -40.6540

Conversions

Conversions Part 2

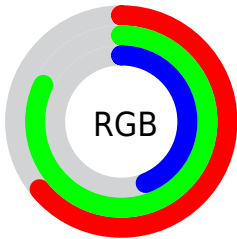
Format	Color
RYB	112, 210, 160
Decimal	10670704
CIELab	79.00, -32.13, 43.37
CIELCh	79, 53.969, 126.532
Yxy	54.9284, 0.3417, 0.4594
Android (android.graphics.Color)	4288860784 (0xFFA2D270)
YUV	184.4760, -35.7307, -19.7115
Hunter-Lab	74.1137, -31.2924, 32.8630

Details

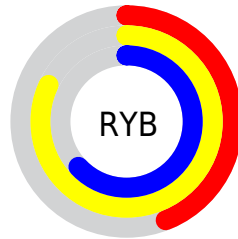
The CIELCh color **79, 53.969, 126.532** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **56, 57.902, 311.114**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 47.205, 123.693**, and **59, 53.828, 126.451** is the 20% darker color. If you saturate the color by 10%, you get **78, 64.566, 126.164**, and if you desaturate by 10%, it is **80, 42.785, 126.987**.

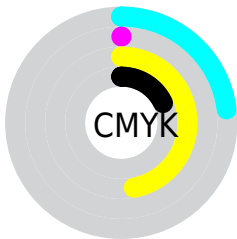
Distribution



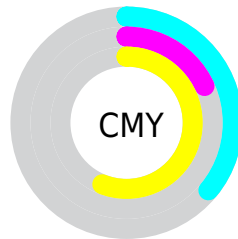
- Red (64%)
- Green (82%)
- Blue (44%)



- Red (44%)
- Yellow (82%)
- Blue (63%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)





- Cyan (36%)
- Magenta (18%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 53.969, 126.532 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, 53.969, 126.532 by changing the saturation by 10% instead.


 79, 53.969,
126.532


 79, 53.969,
126.532


 100, 53.969,
126.532


 69, 53.969,
126.532


 99, 53.969,
126.532

 59, 53.969,
126.532

 49, 53.969,
126.532

 39, 53.969,
126.532

 29, 53.969,
126.532

 19, 53.969,
126.532

 9, 53.969, 126.532

■ 0, 53.969, 126.532

■ 79, 53.969,
126.532

■ 79, 53.969,
126.532

■ 78, 64.566,
126.164

■ 80, 42.785,
126.987

■ 77, 74.219,
125.961

■ 81, 31.259,
127.474

■ 77, 82.463,
126.036

■ 82, 19.562,
127.960

■ 76, 88.798,
126.517

■ 83, 7.814, 128.434

■ 76, 92.932,
127.486

■ 85, 3.903, 308.823

■ 76, 94.041,
127.845

■ 86, 15.529,
309.245

■ 87, 25.070,

311.008

■ 88, 26.407,
318.409

■ 89, 28.136,
325.127

Harmonies

Complementary

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



79, 53.969, 126.532



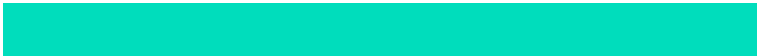
56, 57.902, 311.114

Rectangle

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



79, 53.969, 126.532



79, 53.969, 176.532



79, 53.969, 306.532



79, 53.969, 356.532

Sweetspot

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



79, 53.970, 126.533



98, 19.230, 128.080



69, 34.456, 67.905



52, 13.278, 127.976



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, 53.970, 126.533



93, 74.700, 126.166



77, 62.397, 140.378



44, 6.629, 128.305



62, 79.565, 127.589



14, 26.070, 129.269

Inverse Universe

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



56, 57.902, 311.114



61, 81.520, 311.632



61, 62.234, 326.392



41, 6.722, 309.126



26, 91.543, 311.747



3, 26.687, 307.092

Previews

White Background



This preview shows how the CIELCh color 79, 53.969, 126.532 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, 53.969, 126.532 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, 53.969, 126.532

Background



This preview shows how black text looks on a background with the CIELCh color 79, 53.969, 126.532.



This preview shows how white text looks on a background with the CIELCh color 79, 53.969, 126.532.

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](#).

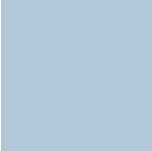
Dichromacy



Original Color
79, 53.969, 126.532

Protanopia
79, 46.622, 95.373

Deuteranopia
79, 42.337, 76.470



Tritanopia
79, 11.042, 250.030

Trichromacy



Original Color
79, 53.969, 126.532



Protanomaly
79, 47.074, 107.892



Deuteranomaly
78, 41.764, 98.207



Tritanomaly
79, 17.452, 148.427

Monochromacy



Original Color
79, 53.969, 126.532



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 19.851, 127.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 53.969, 126.532 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(162, 210, 112)` looks like.

```
.text, #text, p{  
    color:rgb(162, 210, 112)  
}
```

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(162, 210, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 210, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 53.969, 126.532 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(162, 210, 112) }
```

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

```
.border{ border-color:rgb(162, 210, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 210, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 210, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 210, 112);  
box-shadow:4px 4px 4px 4px rgb(162, 210,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 53.969, 126.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 210, 112) }
```

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

```
.background{ background-color: rgb(162,  
210, 112) }
```

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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