

Converting Colors

CIELCh(79, 43.886, 110.740)

Have a look what the booklet for
CIELCh(79, 43.886, 110.740)
contains.

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Color

CIELCh(79, 43.703, 110.541)

Conversions

Conversions Part 1

Format	Color
Hex	C2CA76
RGB	194, 202, 118
RGB Percent	76%, 79%, 46%
CMY	0.2398, 0.2084, 0.5378
CMYK	0.04, 0.00, 0.42, 0.21
HSL	66°, 44%, 63%
HSV	66°, 42%, 79%
XYZ	46.5594, 54.9284, 25.2461
YIQ	190.0320, 22.1960, -27.8200

Conversions

Conversions Part 2

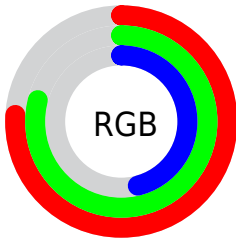
Format	Color
RYB	118, 202, 126
Decimal	12765814
CIELab	79.00, -15.33, 40.92
CIElCh	79, 43.703, 110.541
Yxy	54.9284, 0.3674, 0.4334
Android (android.graphics.Color)	4290955894 (0xFFC2CA76)
YUV	190.0320, -35.5118, 3.4799
Hunter-Lab	74.1137, -17.5624, 31.6831

Details

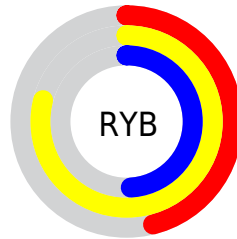
The CIELCh color $79, 43.703, 110.541$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $54, 48.594, 298.581$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 42.067, 108.557$, and $59, 43.863, 110.421$ is the 20% darker color. If you saturate the color by 10%, you get $79, 53.394, 109.811$, and if you desaturate by 10%, it is $79, 33.528, 111.336$.

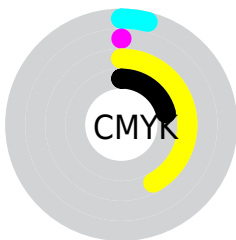
Distribution



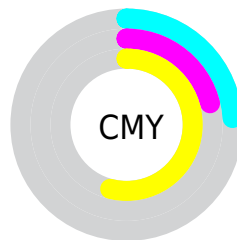
- Red (76%)
- Green (79%)
- Blue (46%)



- Red (46%)
- Yellow (79%)
- Blue (49%)



- Cyan (4%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)





- Cyan (24%)
- Magenta (21%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 43.703, 110.541 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, 43.703, 110.541 by changing the saturation by 10% instead.


 79, 43.703,
110.541


 79, 43.703,
110.541


 100, 43.703,
110.541


 69, 43.703,
110.541


 99, 43.703,
110.541

 59, 43.703,
110.541

 49, 43.703,
110.541

 39, 43.703,
110.541

 29, 43.703,
110.541

 19, 43.703,
110.541

 9, 43.703, 110.541

0, 43.703, 110.541

79, 43.703,
110.541

79, 43.703,
110.541

79, 53.394,
109.811

79, 33.528,
111.336

78, 62.306,
109.179

80, 23.060,
112.155

78, 70.027,
108.706

81, 12.429,
112.980

78, 76.061,
108.458

81, 1.717, 113.780

78, 79.972,
108.493

82, 9.018, 294.591

77, 81.804,
108.717

83, 19.739,
295.352

83, 28.225,

296.195

■ 83, 28.278,
297.475

■ 84, 28.344,
298.756

Harmonies

Complementary

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



79, 43.703, 110.541



54, 48.594, 298.581

Rectangle

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



79, 43.703, 110.541



79, 43.703, 160.541



79, 43.703, 290.541



79, 43.703, 340.541

Sweetspot

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



79, 43.704, 110.544



99, 15.529, 112.934



60, 33.429, 29.529



53, 10.297, 112.825



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, 43.704, 110.544



97, 62.638, 109.875



76, 48.060, 129.996



43, 6.127, 113.160



65, 70.648, 108.637



14, 22.023, 110.949

Inverse Universe

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



54, 48.594, 298.581



60, 71.832, 299.993



57, 50.400, 313.807



39, 6.261, 294.739



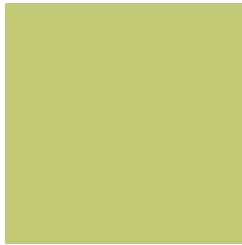
19, 96.395, 306.628



1, 23.599, 294.908

Previews

White Background



This preview shows how the CIELCh color 79, 43.703, 110.541 looks on a white background.

Color Contrast Check

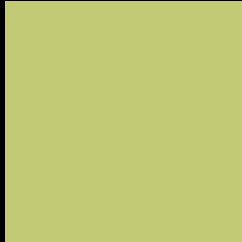
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 43.703, 110.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

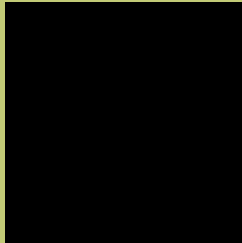
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 43.703, 110.541

Background



This preview shows how black text looks on a background with the CIELCh color 79, 43.703, 110.541.



This preview shows how white text looks on a background with the CIELCh color 79, 43.703, 110.541.

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, 43.703, 110.541

Protanopia
79, 42.644, 95.426

Deuteranopia
79, 41.141, 76.432



Tritanopia
79, 9.352, 321.081

Trichromacy



Original Color
79, 43.703, 110.541

Protanomaly
79, 42.468, 100.586

Deuteranomaly
79, 39.974, 88.770

Tritanomaly
79, 11.326, 99.384

Monochromacy



Original Color
79, 43.703, 110.541

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 16.019, 112.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 43.703, 110.541 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(194, 202, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 118)  
}
```

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(194, 202, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 43.703, 110.541 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(194, 202, 118) }
```

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

```
.border{ border-color:rgb(194, 202, 118) }
```

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

Here you see how a box with a 4 pixel rgb(194, 202, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 43.703, 110.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 118) }
```

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

```
.background{ background-color: rgb(194,  
202, 118) }
```

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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