

Converting Colors

CIELCh(78, 52.981, 110.802)

Have a look what the booklet for
CIELCh(78, 52.981, 110.802)
contains.

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Color

CIELCh(78, 52.954, 110.818)

Conversions

Conversions Part 1

Format	Color
Hex	BDC962
RGB	189, 201, 98
RGB Percent	74%, 79%, 38%
CMY	0.2605, 0.2134, 0.6172
CMYK	0.06, 0.00, 0.51, 0.21
HSL	67°, 49%, 58%
HSV	67°, 51%, 79%
XYZ	43.8510, 53.2120, 19.4161
YIQ	185.6700, 25.9110, -34.5770

Conversions

Conversions Part 2

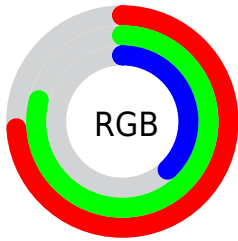
Format	Color
RYB	98, 201, 110
Decimal	12437858
CIELab	78.00, -18.82, 49.50
CIELCh	78, 52.954, 110.818
Yxy	53.2120, 0.3765, 0.4568
Android (android.graphics.Color)	4290627938 (0xFFBDC962)
YUV	185.6700, -43.2213, 2.9204
Hunter-Lab	72.9466, -20.3532, 35.2814

Details

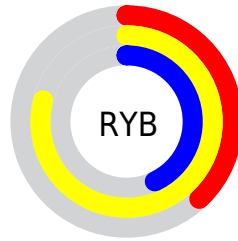
The CIELCh color **78, 52.954, 110.818** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **47, 60.764, 300.651**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 51.745, 109.733**, and **58, 52.924, 110.531** is the 20% darker color. If you saturate the color by 10%, you get **78, 61.871, 110.221**, and if you desaturate by 10%, it is **78, 43.278, 111.524**.

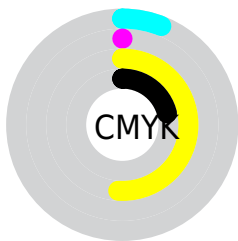
Distribution



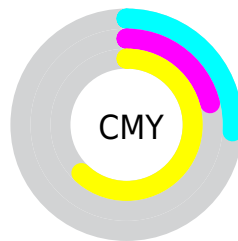
- Red (74%)
- Green (79%)
- Blue (38%)



- Red (38%)
- Yellow (79%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (51%)
- Black (21%)




- Cyan (26%)
- Magenta (21%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 52.954, 110.818 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 78, 52.954, 110.818 by changing the saturation by 10% instead.


 78, 52.954,
110.818


 78, 52.954,
110.818


 100, 52.954,
110.818


 68, 52.954,
110.818


 98, 52.954,
110.818

 58, 52.954,
110.818

 48, 52.954,
110.818

 38, 52.954,
110.818

 28, 52.954,
110.818

 18, 52.954,
110.818

 8, 52.954, 110.818

0, 52.954, 110.818

78, 52.954,
110.818

78, 52.954,
110.818

78, 61.871,
110.221

78, 43.278,
111.524

77, 69.622,
109.785

79, 33.126,
112.287

77, 75.716,
109.584

79, 22.690,
113.078

77, 79.714,
109.683

80, 12.094,
113.872

77, 81.662,
109.990

81, 1.422, 114.643

81, 9.270, 295.420

82, 19.946,

296.149

■ 83, 28.965,
296.972

■ 83, 29.039,
298.488

Harmonies

Complementary

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



78, 52.954, 110.818



47, 60.764, 300.651

Rectangle

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



78, 52.954, 110.818



78, 52.954, 160.818



78, 52.954, 290.818



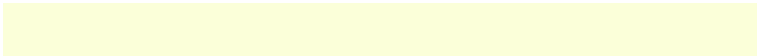
78, 52.954, 340.818

Sweetspot

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



78, 52.955, 110.820



99, 19.423, 113.565



56, 41.483, 33.225



53, 13.243, 113.395



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 52.955, 110.820



96, 75.665, 110.141



75, 58.947, 130.626



42, 6.009, 114.027



64, 70.051, 109.888



13, 20.466, 112.887

Inverse Universe

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



47, 60.764, 300.651



51, 90.695, 302.495



52, 62.129, 315.263



38, 6.139, 295.540



19, 95.133, 306.740



1, 21.578, 294.822

Previews

White Background



This preview shows how the CIELCh color 78, 52.954, 110.818 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 78, 52.954, 110.818 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 78, 52.954, 110.818

Background



This preview shows how black text looks on a background with the CIELCh color 78, 52.954, 110.818.



This preview shows how white text looks on a background with the CIELCh color 78, 52.954, 110.818.

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
78, 52.954, 110.818

Protanopia
78, 51.418, 95.760

Deuteranopia
78, 49.262, 78.727



Tritanopia
78, 9.022, 317.066

Trichromacy



Original Color
78, 52.954, 110.818

Protanomaly
78, 51.574, 101.578

Deuteranomaly
78, 48.701, 90.836

Tritanomaly
78, 14.956, 104.310

Monochromacy



Original Color
78, 52.954, 110.818

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 20.364, 113.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 52.954, 110.818 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(189, 201, 98)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 98)  
}
```

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(189, 201, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 52.954, 110.818 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(189, 201, 98) }
```

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

```
.border{ border-color:rgb(189, 201, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 201, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 201, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 201, 98);  
box-shadow:4px 4px 4px 4px rgb(189, 201,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 52.954, 110.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 98) }
```

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

```
.background{ background-color: rgb(189,  
201, 98) }
```

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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