

Converting Colors

CIELCh(78, 43.458, 117.114)

Have a look what the booklet for
CIELCh(78, 43.458, 117.114)
contains.

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Color

CIELCh(78, 43.458, 117.114)

Conversions

Conversions Part 1

Format	Color
Hex	B5C977
RGB	181, 201, 119
RGB Percent	71%, 79%, 47%
CMY	0.2884, 0.2099, 0.5316
CMYK	0.10, 0.00, 0.41, 0.21
HSL	75°, 43%, 63%
HSV	75°, 41%, 79%
XYZ	43.5159, 53.2120, 25.5669
YIQ	185.6720, 14.4020, -29.7420

Conversions

Conversions Part 2

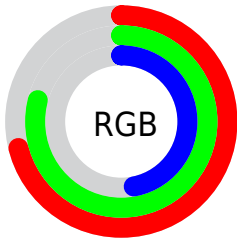
Format	Color
RYB	119, 201, 139
Decimal	11913591
CIELab	78.00, -19.81, 38.68
CIElCh	78, 43.458, 117.114
Yxy	53.2120, 0.3558, 0.4351
Android (android.graphics.Color)	4290103671 (0xFFB5C977)
YUV	185.6720, -32.8693, -4.0973
Hunter-Lab	72.9466, -21.1731, 30.2822

Details

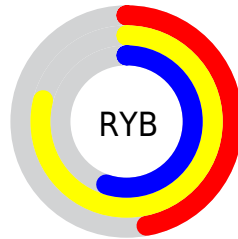
The CIELCh color **78, 43.458, 117.114** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **55, 47.641, 302.984**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 42.129, 115.947**, and **58, 43.225, 117.058** is the 20% darker color. If you saturate the color by 10%, you get **77, 53.405, 116.566**, and if you desaturate by 10%, it is **79, 33.067, 117.729**.

Distribution



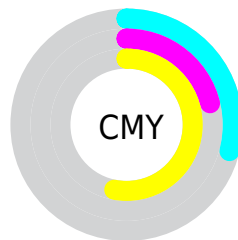
- Red (71%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (55%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)




- Cyan (29%)
- Magenta (21%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.458, 117.114 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 78, 43.458, 117.114 by changing the saturation by 10% instead.


 78, 43.458,
117.114

 78, 43.458,
117.114

 100, 43.458,
117.114


 68, 43.458,
117.114


 98, 43.458,
117.114

 58, 43.458,
117.114

 48, 43.458,
117.114

 38, 43.458,
117.114

 28, 43.458,
117.114

 18, 43.458,
117.114

 8, 43.458, 117.114

0, 43.458, 117.114

78, 43.458,
117.114

78, 43.458,
117.114

77, 53.405,
116.566

79, 33.067,
117.729

77, 62.630,
116.134

79, 22.413,
118.368

76, 70.747,
115.896

80, 11.620,
119.008

76, 77.273,
115.949

81, 0.769, 119.667

76, 81.761,
116.391

82, 10.081,
300.227

75, 84.246,
117.128

83, 20.890,
300.797

■ 84, 28.796,
302.066

■ 84, 29.112,
305.276

■ 85, 29.514,
308.442

Harmonies

Complementary

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



78, 43.458, 117.114



55, 47.641, 302.984

Rectangle

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



78, 43.458, 117.114



78, 43.458, 167.114



78, 43.458, 297.114



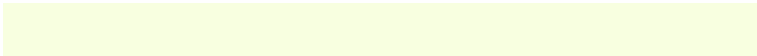
78, 43.458, 347.114

Sweetspot

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



78, 43.460, 117.116



99, 15.750, 118.916



63, 29.411, 42.637



53, 10.445, 118.831



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, 43.460, 117.116



96, 62.578, 116.619



75, 49.125, 134.685



43, 6.213, 119.092



63, 72.809, 116.951



14, 22.629, 119.082

Inverse Universe

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



55, 47.641, 302.984



62, 70.389, 303.929



59, 50.399, 318.508



40, 6.337, 300.287



21, 94.821, 307.734



2, 23.787, 298.704

Previews

White Background



This preview shows how the CIELCh color 78, 43.458, 117.114 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 CIELCh color 78, 43.458, 117.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

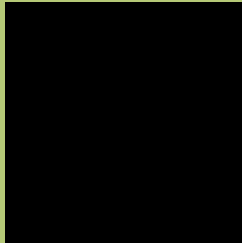
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 43.458, 117.114

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.458, 117.114.



This preview shows how white text looks on a background with the CIELCh color 78, 43.458, 117.114.

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
78, 43.458, 117.114

Protanopia
78, 41.142, 95.740

Deuteranopia
78, 38.745, 75.338



Tritanopia
78, 8.060, 293.458

Trichromacy



Original Color
78, 43.458, 117.114

Protanomaly
78, 41.310, 104.012

Deuteranomaly
78, 37.404, 91.110

Tritanomaly
78, 11.007, 123.136

Monochromacy



Original Color
78, 43.458, 117.114

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 16.330, 119.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.458, 117.114 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(181, 201, 119)` looks like.

```
.text, #text, p{  
    color:rgb(181, 201, 119)  
}
```

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(181, 201, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 201, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.458, 117.114 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(181, 201, 119) }
```

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

```
.border{ border-color:rgb(181, 201, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 201, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 201, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 201, 119);  
box-shadow:4px 4px 4px 4px rgb(181, 201,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.458, 117.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 201, 119) }
```

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

```
.background{ background-color: rgb(181,  
201, 119) }
```

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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