

Converting Colors

CIELCh(78, 32.795, 121.753)

Have a look what the booklet for
CIELCh(78, 32.795, 121.753)
contains.

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Color

CIElCh(78, 33.183, 121.810)

Conversions

Conversions Part 1

Format	Color
Hex	B4C98C
RGB	180, 201, 140
RGB Percent	71%, 79%, 55%
CMY	0.2951, 0.2128, 0.4519
CMYK	0.10, 0.00, 0.30, 0.21
HSL	81°, 36%, 67%
HSV	81°, 30%, 79%
XYZ	44.3051, 53.2120, 32.6528
YIQ	187.7670, 7.0650, -23.4230

Conversions

Conversions Part 2

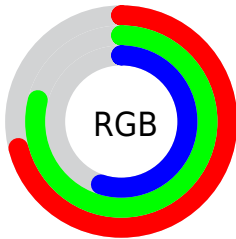
Format	Color
RYB	140, 201, 161
Decimal	11848076
CIELab	78.00, -17.49, 28.20
CIELCh	78, 33.183, 121.810
Yxy	53.2120, 0.3404, 0.4088
Android (android.graphics.Color)	4290038156 (0xFFB4C98C)
YUV	187.7670, -23.5491, -6.8117
Hunter-Lab	72.9466, -19.2420, 24.5228

Details

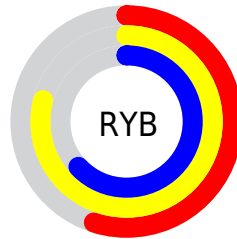
The CIELCh color **78, 33.183, 121.810** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 35.136, 305.353**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 31.627, 120.858**, and **58, 33.361, 122.079** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.781, 121.282**, and if you desaturate by 10%, it is **79, 22.349, 122.364**.

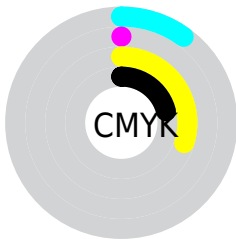
Distribution



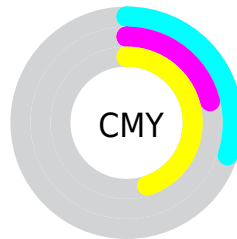
- Red (71%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (63%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)





- Cyan (30%)
- Magenta (21%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 33.183, 121.810 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, 33.183, 121.810 by changing the saturation by 10% instead.


 78, 33.183,
121.810


 78, 33.183,
121.810


 100, 33.183,
121.810


 68, 33.183,
121.810


 98, 33.183,
121.810

 58, 33.183,
121.810

 48, 33.183,
121.810

 38, 33.183,
121.810

 28, 33.183,
121.810

 18, 33.183,
121.810

 8, 33.183, 121.810

0, 33.183, 121.810

78, 33.183,
121.810

78, 33.183,
121.810

77, 43.781,
121.282

79, 22.349,
122.364

76, 53.957,
120.813

80, 11.395,
122.915

76, 63.444,
120.463

81, 0.408, 123.596

75, 71.867,
120.318

82, 10.553,
303.934

75, 78.751,
120.488

83, 21.448,
304.407

74, 83.650,
121.085

84, 29.586,
305.882

■ 74, 86.609,
122.040

■ 85, 30.195,
310.242

■ 85, 30.966,
314.466

■ 86, 31.892,
318.518

Harmonies

Complementary

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



78, 33.183, 121.810



62, 35.136, 305.353

Rectangle

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



78, 33.183, 121.810



78, 33.183, 171.810



78, 33.183, 301.810



78, 33.183, 351.810

Sweetspot

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



78, 33.185, 121.812



99, 11.996, 122.983



69, 20.306, 53.435



53, 8.336, 122.902



0, 0.000, 0.000



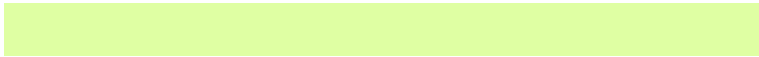
53, 0.007, 296.813

Same Dimension

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



78, 33.185, 121.812



96, 47.556, 121.483



76, 37.884, 138.130



42, 6.178, 122.969



61, 74.146, 121.809



12, 21.651, 124.895

Inverse Universe

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



62, 35.136, 305.353



73, 51.032, 305.814



65, 38.303, 321.168



39, 6.288, 303.966



22, 92.152, 309.042



2, 21.896, 300.835

Previews

White Background



This preview shows how the CIELCh color 78, 33.183, 121.810 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, 33.183, 121.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

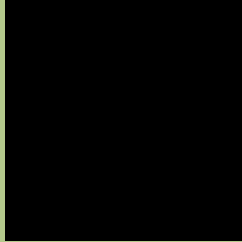
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 33.183, 121.810

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.183, 121.810.

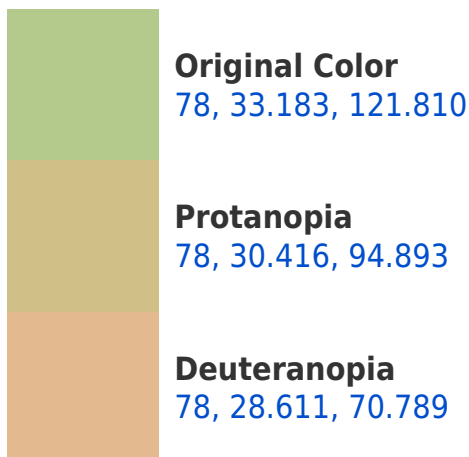


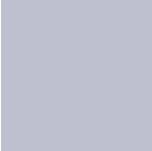
This preview shows how white text looks on a background with the CIELCh color 78, 33.183, 121.810.

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





Tritanopia
78, 8.092, 283.356

Trichromacy



Original Color
78, 33.183, 121.810

Protanomaly
78, 30.645, 105.037

Deuteranomaly
78, 27.207, 91.151

Tritanomaly
78, 7.262, 137.056

Monochromacy



Original Color
78, 33.183, 121.810

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 12.678, 122.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.183, 121.810 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(180, 201, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 140)  
}
```

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(180, 201, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.183, 121.810 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(180, 201, 140) }
```

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

```
.border{ border-color:rgb(180, 201, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.183, 121.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 140) }
```

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

```
.background{ background-color: rgb(180,  
201, 140) }
```

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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