

Converting Colors

CIELCh(78, 15.314, 120.393)

Have a look what the booklet for
CIELCh(78, 15.314, 120.393)
contains.

CIELCh(78, 15.230, 120.433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 15.230, 120.433)

Conversions

Conversions Part 1

Format	Color
Hex	BCC4A8
RGB	188, 196, 168
RGB Percent	74%, 77%, 66%
CMY	0.2614, 0.2300, 0.3398
CMYK	0.04, 0.00, 0.14, 0.23
HSL	77°, 19%, 72%
HSV	77°, 14%, 77%
XYZ	47.7422, 53.2120, 44.9656
YIQ	190.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

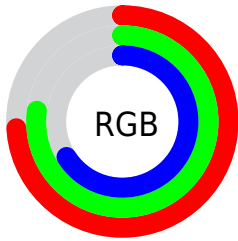
Format	Color
RYB	168, 196, 176
Decimal	12371112
CIELab	78.00, -7.71, 13.13
CIELCh	78, 15.230, 120.433
Yxy	53.2120, 0.3272, 0.3647
Android (android.graphics.Color)	4290561192 (0xFFBCC4A8)
YUV	190.4160, -11.0511, -2.1188
Hunter-Lab	72.9466, -10.8316, 14.5151

Details

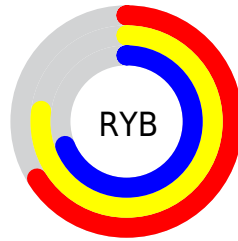
The CIELCh color **78, 15.230, 120.433** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 15.660, 302.158**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 15.590, 121.122**, and **58, 14.960, 119.567** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.838, 119.837**, and if you desaturate by 10%, it is **79, 4.553, 121.031**.

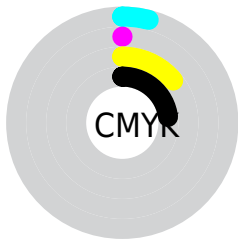
Distribution



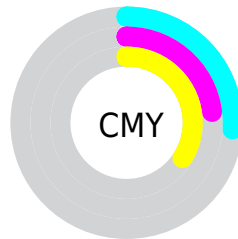
- Red (74%)
- Green (77%)
- Blue (66%)



- Red (66%)
- Yellow (77%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)





- Cyan (26%)
- Magenta (23%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.230, 120.433 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, 15.230, 120.433 by changing the saturation by 10% instead.


 78, 15.230,
120.433


 78, 15.230,
120.433


 100, 15.230,
120.433


 68, 15.230,
120.433


 98, 15.230,
120.433

 58, 15.230,
120.433

 48, 15.230,
120.433

 38, 15.230,
120.433

 28, 15.230,
120.433

 18, 15.230,
120.433

 8, 15.230, 120.433

■ 0, 15.230, 120.433

■ 78, 15.230,
120.433

■ 78, 15.230,
120.433

■ 77, 25.838,
119.837

■ 79, 4.553, 121.031

■ 76, 36.278,
119.245

■ 80, 6.135, 301.580

■ 76, 46.413,
118.690

■ 81, 16.787,
302.120

■ 75, 56.038,
118.215

■ 82, 27.369,
302.623

■ 75, 64.848,
117.885

■ 83, 31.923,
304.768

■ 74, 72.432,
117.790

■ 83, 32.353,
308.055

■ 84, 32.881,

■ 74, 78.310,
118.036

311.285

■ 73, 82.117,
118.718

■ 84, 33.507,
314.438

■ 73, 83.632,
119.243

■ 85, 34.226,
317.500

Harmonies

Complementary

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



78, 15.230, 120.433



70, 15.660, 302.158

Rectangle

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



78, 15.230, 120.433



78, 15.230, 170.433



78, 15.230, 300.433



78, 15.230, 350.433

Sweetspot

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



78, 15.232, 120.437



100, 5.276, 121.044



73, 8.894, 48.641



53, 3.751, 120.998



0, 0.000, 0.000



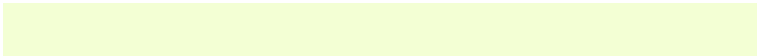
53, 0.007, 296.813

Same Dimension

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



78, 15.232, 120.437



98, 22.428, 120.258



77, 17.174, 137.655



42, 6.120, 120.727



62, 72.828, 119.054



12, 21.260, 122.059

Inverse Universe

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



70, 15.660, 302.158



87, 23.194, 302.368



72, 17.309, 318.920



39, 6.237, 301.831



21, 93.113, 308.229



2, 21.787, 299.226

Previews

White Background



This preview shows how the CIELCh color 78, 15.230, 120.433 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, 15.230, 120.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

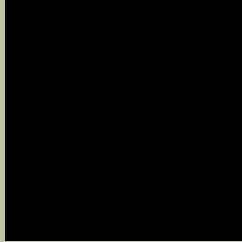
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

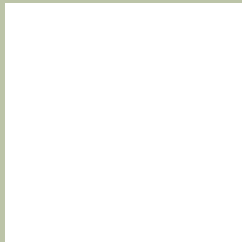
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.230, 120.433

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.230, 120.433.



This preview shows how white text looks on a background with the CIELCh color 78, 15.230, 120.433.

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, 15.230, 120.433

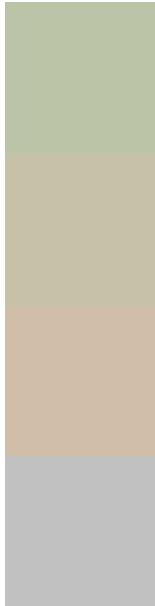
Protanopia
78, 14.393, 93.138

Deuteranopia
78, 15.601, 53.179



Tritanopia
78, 8.132, 298.502

Trichromacy



Original Color
78, 15.230, 120.433

Protanomaly
78, 14.412, 104.211

Deuteranomaly
78, 13.243, 77.073

Tritanomaly
78, 0.645, 144.803

Monochromacy



Original Color
78, 15.230, 120.433

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 5.465, 121.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.230, 120.433 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(188, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 168)  
}
```

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(188, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.230, 120.433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

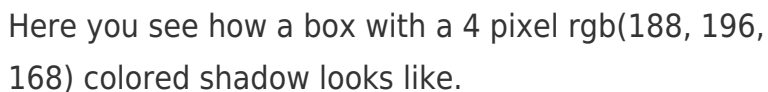
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 196, 168) }
```

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

```
.border{ border-color:rgb(188, 196, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 196, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 196, 168); box-shadow:4px 4px 4px 4px rgb(188, 196, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.230, 120.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 168) }
```

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

```
.background{ background-color: rgb(188,  
196, 168) }
```

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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