

Converting Colors

CIELCh(78, 20.777, 123.348)

Have a look what the booklet for
CIELCh(78, 20.777, 123.348)
contains.

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Color

CIELCh(78, 20.911, 123.354)

Conversions

Conversions Part 1

Format	Color
Hex	B8C6A0
RGB	184, 198, 160
RGB Percent	72%, 78%, 63%
CMY	0.2778, 0.2229, 0.3720
CMYK	0.07, 0.00, 0.19, 0.22
HSL	82°, 25%, 70%
HSV	82°, 19%, 78%
XYZ	46.3920, 53.2120, 41.1524
YIQ	189.4820, 3.8540, -14.7860

Conversions

Conversions Part 2

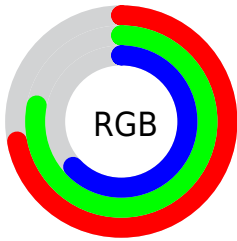
Format	Color
RYB	160, 198, 174
Decimal	12109472
CIELab	78.00, -11.50, 17.47
CIELCh	78, 20.911, 123.354
Yxy	53.2120, 0.3296, 0.3780
Android (android.graphics.Color)	4290299552 (0xFFB8C6A0)
YUV	189.4820, -14.5346, -4.8077
Hunter-Lab	72.9466, -14.1354, 17.6145

Details

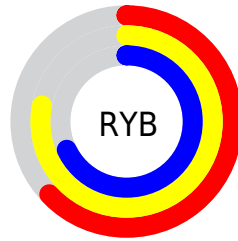
The CIELCh color **78, 20.911, 123.354** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 21.624, 305.420**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 21.024, 123.778**, and **58, 20.952, 122.792** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.712, 122.821**, and if you desaturate by 10%, it is **79, 10.014, 123.889**.

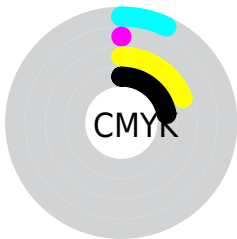
Distribution



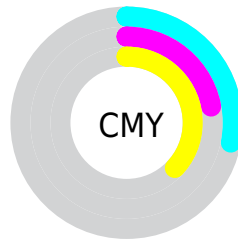
- Red (72%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)




- Cyan (28%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.911, 123.354 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, 20.911, 123.354 by changing the saturation by 10% instead.


 78, 20.911,
123.354

 78, 20.911,
123.354


 100, 20.911,
123.354


 68, 20.911,
123.354


 98, 20.911,
123.354


 58, 20.911,
123.354

 48, 20.911,
123.354

 38, 20.911,
123.354

 28, 20.911,
123.354

 18, 20.911,
123.354

 8, 20.911, 123.354

0, 20.911, 123.354

78, 20.911,
123.354

78, 20.911,
123.354

77, 31.712,
122.821

79, 10.014,
123.889

76, 42.296,
122.301

80, 0.903, 304.309

76, 52.494,
121.836

81, 11.784,
304.862

75, 62.054,
121.481

82, 22.587,
305.311

74, 70.618,
121.318

83, 31.128,
306.585

74, 77.727,
121.459

84, 31.788,
310.952

■ 73, 82.926,
122.020

■ 85, 32.619,
315.180

■ 73, 86.200,
123.013

■ 85, 33.613,
319.233

■ 73, 86.443,
123.096

■ 86, 34.760,
323.086

Harmonies

Complementary

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



78, 20.911, 123.354



68, 21.624, 305.420

Rectangle

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



78, 20.911, 123.354



78, 20.911, 173.354



78, 20.911, 303.354



78, 20.911, 353.354

Sweetspot

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



78, 20.913, 123.357



99, 8.027, 124.052



73, 12.172, 58.072



53, 5.325, 124.017



0, 0.000, 0.000



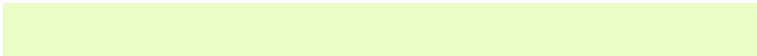
53, 0.007, 296.813

Same Dimension

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



78, 20.913, 123.357



97, 30.743, 123.133



77, 23.915, 139.757



42, 6.205, 123.878



61, 74.721, 122.872



12, 21.826, 126.004

Inverse Universe

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



68, 21.624, 305.420



83, 32.034, 305.686



70, 24.058, 321.654



39, 6.311, 304.837



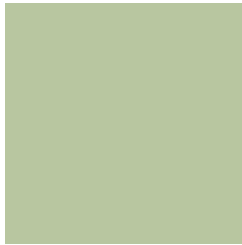
22, 91.729, 309.424



2, 21.951, 301.548

Previews

White Background



This preview shows how the CIELCh color 78, 20.911, 123.354 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, 20.911, 123.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

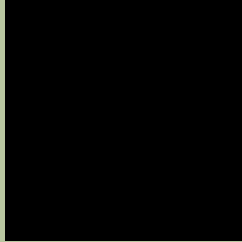
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

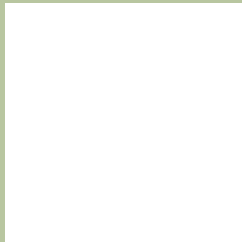
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 20.911, 123.354

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.911, 123.354.



This preview shows how white text looks on a background with the CIELCh color 78, 20.911, 123.354.

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, 20.911, 123.354

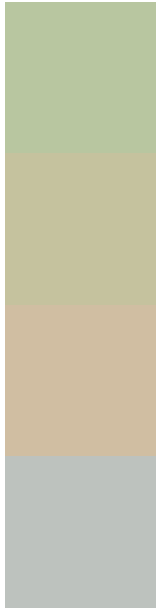
Protanopia
78, 19.237, 94.086

Deuteranopia
78, 18.990, 58.141



Tritanopia
78, 8.041, 288.381

Trichromacy



Original Color
78, 20.911, 123.354

Protanomaly
78, 19.167, 104.860

Deuteranomaly
78, 16.570, 83.343

Tritanomaly
78, 2.834, 150.476

Monochromacy



Original Color
78, 20.911, 123.354

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.727, 123.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.911, 123.354 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(184, 198, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 160)  
}
```

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(184, 198, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.911, 123.354 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(184, 198, 160) }
```

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

```
.border{ border-color:rgb(184, 198, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.911, 123.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 160) }
```

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

```
.background{ background-color: rgb(184,  
198, 160) }
```

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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