

Converting Colors

CIELCh(79, 11.696, 132.585)

Have a look what the booklet for
CIELCh(79, 11.696, 132.585)
contains.

CIELCh(79, 12.221, 132.686)	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(79, 12.221, 132.686)

Conversions

Conversions Part 1

Format	Color
Hex	BBC8B3
RGB	187, 200, 179
RGB Percent	73%, 78%, 70%
CMY	0.2679, 0.2169, 0.2993
CMYK	0.07, 0.00, 0.11, 0.22
HSL	97°, 16%, 74%
HSV	97°, 11%, 78%
XYZ	49.1023, 54.9284, 50.4969
YIQ	193.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

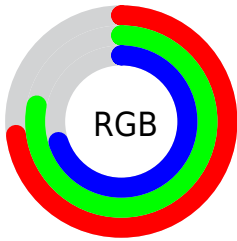
Format	Color
RYB	179, 200, 192
Decimal	12306611
CIELab	79.00, -8.29, 8.98
CIELCh	79, 12.221, 132.686
Yxy	54.9284, 0.3178, 0.3555
Android (android.graphics.Color)	4290496691 (0xFFBBC8B3)
YUV	193.7190, -7.2565, -5.8926
Hunter-Lab	74.1137, -11.4379, 11.4827

Details

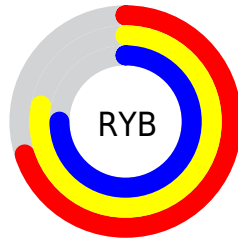
The CIELCh color **79, 12.221, 132.686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 12.360, 313.544**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 11.052, 132.168**, and **59, 12.284, 131.921** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.896, 132.220**, and if you desaturate by 10%, it is **80, 0.587, 133.364**.

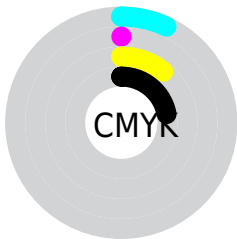
Distribution



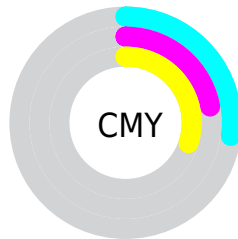
- Red (73%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.221, 132.686 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 79, 12.221, 132.686 by changing the saturation by 10% instead.

 79, 12.221,
132.686

 79, 12.221,
132.686

 100, 12.221,
132.686


 69, 12.221,
132.686

 99, 12.221,
132.686

 59, 12.221,
132.686

 49, 12.221,
132.686

 39, 12.221,
132.686

 29, 12.221,
132.686

 19, 12.221,
132.686

 9, 12.221, 132.686

0, 12.221, 132.686

79, 12.221,
132.686

79, 12.221,
132.686

78, 23.896,
132.220

80, 0.587, 133.364

76, 35.505,
131.726

82, 10.939,
313.464

75, 46.907,
131.221

84, 22.304,
313.809

74, 57.898,
130.742

85, 31.769,
315.352

74, 68.192,
130.347

86, 33.572,
322.258

73, 77.398,
130.129

87, 34.693,
325.631

■ 72, 85.031,
130.209

■ 72, 90.628,
130.710

■ 71, 94.141,
131.520

Harmonies

Complementary

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



79, 12.221, 132.686



74, 12.360, 313.544

Rectangle

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



79, 12.221, 132.686



79, 12.221, 182.686



79, 12.221, 312.686



79, 12.221, 2.686

Sweetspot

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



79, 12.223, 132.689



99, 4.233, 133.040



78, 7.544, 85.559



53, 3.212, 132.997



0, 0.000, 0.000



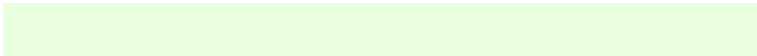
53, 0.007, 296.813

Same Dimension

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



79, 12.223, 132.689



98, 18.445, 132.566



78, 12.657, 147.154



41, 6.568, 132.740



59, 80.847, 131.303



12, 23.857, 135.360

Inverse Universe

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



74, 12.360, 313.544



91, 18.695, 313.662



75, 12.683, 328.372



39, 6.636, 313.494



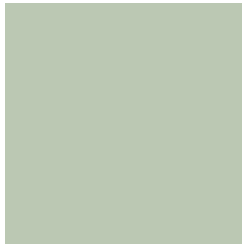
28, 87.062, 315.042



3, 22.972, 310.534

Previews

White Background



This preview shows how the CIELCh color 79, 12.221, 132.686 looks on a white background.

Color Contrast Check

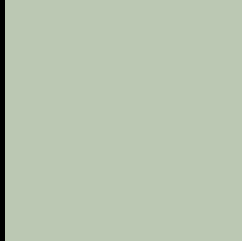
Large Text (above 18pt) WCAG AA × Fail

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 79, 12.221, 132.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

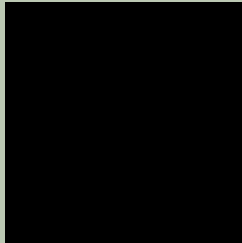
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

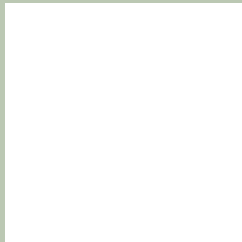
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.221, 132.686

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.221, 132.686.



This preview shows how white text looks on a background with the CIELCh color 79, 12.221, 132.686.

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
79, 12.221, 132.686

Protanopia
79, 10.550, 92.331

Deuteranopia
79, 12.702, 39.720



Tritanopia
79, 8.597, 283.873

Trichromacy



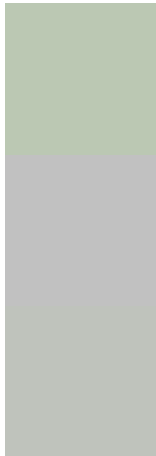
Original Color
79, 12.221, 132.686

Protanomaly
79, 10.625, 109.202

Deuteranomaly
79, 8.983, 69.840

Tritanomaly
79, 2.734, 222.438

Monochromacy



Original Color
79, 12.221, 132.686

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.028, 131.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.221, 132.686 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(187, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 200, 179)  
}
```

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(187, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 200, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.221, 132.686 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(187, 200, 179) }
```

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

```
.border{ border-color:rgb(187, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(187, 200,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.221, 132.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 200, 179) }
```

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

```
.background{ background-color: rgb(187,  
200, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor