

Converting Colors

CIELCh(71, 23.222, 151.109)

Have a look what the booklet for
CIELCh(71, 23.222, 151.109)
contains.

CIELCh(71, 23.222, 151.109)	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(71, 23.222, 151.109)

Conversions

Conversions Part 1

Format	Color
Hex	8EB899
RGB	142, 184, 153
RGB Percent	56%, 72%, 60%
CMY	0.4442, 0.2795, 0.4010
CMYK	0.23, 0.00, 0.17, 0.28
HSL	136°, 23%, 64%
HSV	136°, 23%, 72%
XYZ	33.9231, 42.1875, 36.3793
YIQ	167.9080, -15.0810, -18.5450

Conversions

Conversions Part 2

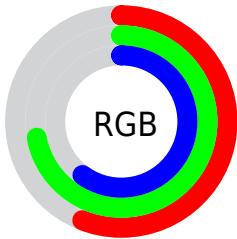
Format	Color
RYB	142, 175, 184
Decimal	9353369
CIELab	71.00, -20.33, 11.22
CIELCh	71, 23.222, 151.109
Yxy	42.1875, 0.3016, 0.3750
Android (android.graphics.Color)	4287543449 (0xFF8EB899)
YUV	167.9080, -7.3496, -22.7213
Hunter-Lab	64.9519, -20.4389, 12.2582

Details

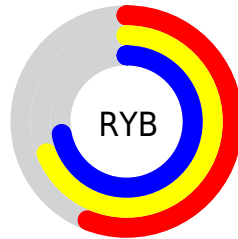
The CIELCh color **71, 23.222, 151.109** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 23.383, 334.318**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 23.341, 151.024**, and **51, 23.284, 150.965** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.312, 150.171**, and if you desaturate by 10%, it is **73, 13.033, 151.928**.

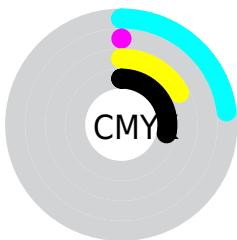
Distribution



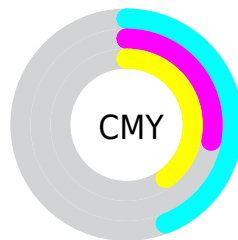
- Red (56%)
- Green (72%)
- Blue (60%)



- Red (56%)
- Yellow (69%)
- Blue (72%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)





- Cyan (44%)
- Magenta (28%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 23.222, 151.109 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 71, 23.222, 151.109 by changing the saturation by 10% instead.


 71, 23.222,
151.109


 71, 23.222,
151.109


 100, 23.222,
151.109


 61, 23.222,
151.109


 91, 23.222,
151.109

 51, 23.222,
151.109

 41, 23.222,
151.109

 31, 23.222,
151.109

 21, 23.222,
151.109

 11, 23.222,
151.109

 1, 23.222, 151.109

71, 23.222,
151.109

71, 23.222,
151.109

70, 33.312,
150.171

73, 13.033,
151.928

69, 43.134,
149.092

74, 2.873, 152.715

68, 52.503,
147.852

76, 7.154, 333.181

78, 16.976,
333.747

67, 61.216,
146.438

80, 26.543,
334.233

66, 69.078,
144.852

82, 35.825,
334.664

66, 75.918,
143.119

83, 41.649,

■ 65, 81.608,
141.297

329.007

■ 65, 85.014,
140.062

■ 83, 44.656,
325.971

Harmonies

Complementary

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



71, 23.222, 151.109



64, 23.383, 334.318

Rectangle

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



71, 23.222, 151.109



71, 23.222, 201.109



71, 23.222, 331.109



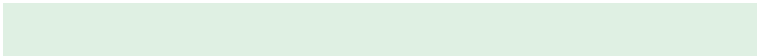
71, 23.222, 21.109

Sweetspot

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



71, 23.224, 151.109



93, 8.780, 152.363



73, 22.943, 118.489



49, 5.704, 152.318



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 23.224, 151.109



89, 34.038, 150.694



72, 16.224, 177.393



38, 5.730, 152.196



56, 74.727, 140.319



8, 16.527, 150.237

Inverse Universe

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



64, 23.383, 334.318



79, 34.296, 334.652



63, 17.549, 1.882



36, 5.754, 333.368



35, 65.594, 341.938



3, 14.534, 337.220

Previews

White Background



This preview shows how the CIELCh color 71, 23.222, 151.109 looks on a white background.

Color Contrast Check

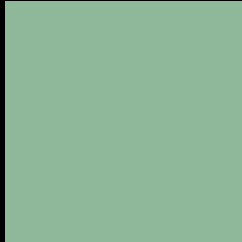
Large Text (above 18pt) WCAG AA × Fail

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 71, 23.222, 151.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

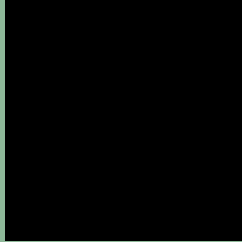
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 23.222, 151.109

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.222, 151.109.



This preview shows how white text looks on a background with the CIELCh color 71, 23.222, 151.109.

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
71, 23.222, 151.109

Protanopia
71, 14.574, 94.449

Deuteranopia
71, 13.043, 47.409



Tritanopia
71, 12.413, 236.997

Trichromacy



Original Color
71, 23.222, 151.109

Protanomaly
71, 15.707, 123.112

Deuteranomaly
71, 9.856, 102.345

Tritanomaly
71, 12.205, 193.283

Monochromacy



Original Color
71, 23.222, 151.109

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.980, 151.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.222, 151.109 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(142, 184, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 184, 153)  
}
```

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(142, 184, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 184, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.222, 151.109 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(142, 184, 153) }
```

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

```
.border{ border-color:rgb(142, 184, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 184, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 184, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 184, 153);  
box-shadow:4px 4px 4px 4px rgb(142, 184,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.222, 151.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 184, 153) }
```

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

```
.background{ background-color: rgb(142,  
184, 153) }
```

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