

Converting Colors

CIELCh(71, 22.028, 146.649)

Have a look what the booklet for
CIELCh(71, 22.028, 146.649)
contains.

CIELCh(71, 22.230, 146.323)	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, 22.230, 146.323)

Conversions

Conversions Part 1

Format	Color
Hex	93B797
RGB	147, 183, 151
RGB Percent	58%, 72%, 59%
CMY	0.4244, 0.2832, 0.4087
CMYK	0.20, 0.00, 0.18, 0.28
HSL	127°, 20%, 65%
HSV	127°, 20%, 72%
XYZ	34.4516, 42.1875, 35.5156
YIQ	168.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

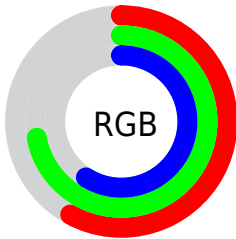
Format	Color
RYB	147, 179, 183
Decimal	9680791
CIELab	71.00, -18.50, 12.33
CIElCh	71, 22.230, 146.323
Yxy	42.1875, 0.3072, 0.3762
Android (android.graphics.Color)	4287870871 (0xFF93B797)
YUV	168.5880, -8.6709, -18.9327
Hunter-Lab	64.9519, -18.9863, 13.0467

Details

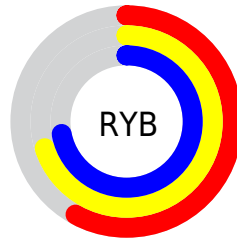
The CIELCh color **71, 22.230, 146.323** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 22.273, 328.744**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.388, 146.410**, and **51, 22.263, 146.056** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.520, 145.489**, and if you desaturate by 10%, it is **73, 10.894, 147.047**.

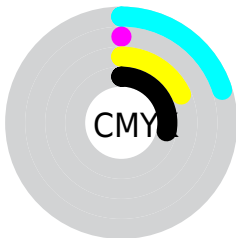
Distribution



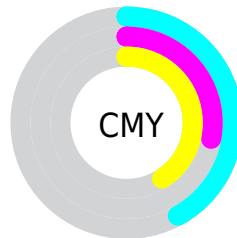
- Red (58%)
- Green (72%)
- Blue (59%)



- Red (58%)
- Yellow (70%)
- Blue (72%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 22.230, 146.323 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, 22.230, 146.323 by changing the saturation by 10% instead.


 71, 22.230,
146.323


 71, 22.230,
146.323


 100, 22.230,
146.323


 61, 22.230,
146.323


 91, 22.230,
146.323

 51, 22.230,
146.323

 41, 22.230,
146.323

 31, 22.230,
146.323

 21, 22.230,
146.323

 11, 22.230,
146.323

 1, 22.230, 146.323

0, 22.230, 146.323

71, 22.230,
146.323

71, 22.230,
146.323

70, 33.520,
145.489

73, 10.894,
147.047

68, 44.570,
144.525

74, 0.350, 326.870

67, 55.150,
143.421

76, 11.395,
328.129

66, 64.987,
142.183

78, 22.171,
328.589

66, 73.776,
140.840

81, 32.633,
328.979

65, 81.197,
139.458

83, 42.481,
328.720

■ 65, 86.942,
138.140

■ 83, 45.244,
325.991

■ 65, 90.856,
137.080

■ 65, 90.952,
137.057

Harmonies

Complementary

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



71, 22.230, 146.323



65, 22.273, 328.744

Rectangle

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



71, 22.230, 146.323



71, 22.230, 196.323



71, 22.230, 326.323



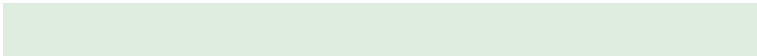
71, 22.230, 16.323

Sweetspot

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



71, 22.232, 146.323



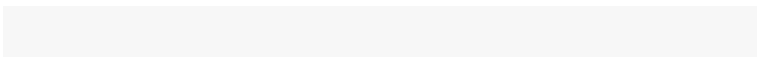
92, 8.309, 147.291



73, 19.407, 112.520



49, 5.559, 147.247



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, 22.232, 146.323



89, 33.498, 145.946



71, 15.452, 167.622



38, 6.388, 147.071



56, 80.447, 137.205



8, 17.866, 146.714

Inverse Universe

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



65, 22.273, 328.744



80, 33.555, 329.024



65, 16.054, 351.273



36, 6.402, 328.125



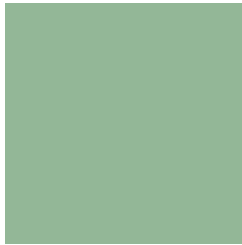
36, 73.303, 333.145



3, 16.801, 329.457

Previews

White Background



This preview shows how the CIELCh color 71, 22.230, 146.323 looks on a white background.

Color Contrast Check

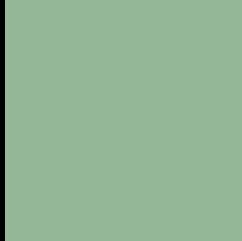
Large Text (above 18pt) WCAG AA × Fail

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 71, 22.230, 146.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

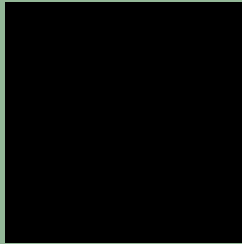
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 22.230, 146.323

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.230, 146.323.



This preview shows how white text looks on a background with the CIELCh color 71, 22.230, 146.323.

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, 22.230, 146.323

Protanopia
71, 15.204, 93.398

Deuteranopia
71, 13.984, 50.451



Tritanopia
71, 10.929, 243.538

Trichromacy



Original Color
71, 22.230, 146.323

Protanomaly
71, 15.968, 118.557

Deuteranomaly
71, 11.121, 96.799

Tritanomaly
71, 10.289, 189.403

Monochromacy



Original Color
71, 22.230, 146.323

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.821, 148.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.230, 146.323 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(147, 183, 151)` looks like.

```
.text, #text, p{  
    color:rgb(147, 183, 151)  
}
```

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(147, 183, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 183, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.230, 146.323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

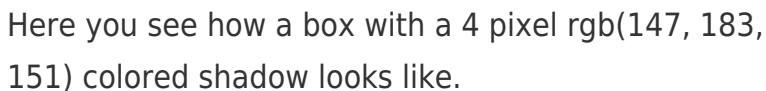
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 183, 151) }
```

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

```
.border{ border-color:rgb(147, 183, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 183, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 183, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 183, 151);  
box-shadow:4px 4px 4px 4px rgb(147, 183,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.230, 146.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 183, 151) }
```

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

```
.background{ background-color: rgb(147,  
183, 151) }
```

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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