

Converting Colors

CIELCh(71, 23.925, 141.026)

Have a look what the booklet for
CIELCh(71, 23.925, 141.026)
contains.

CIELCh(71, 24.033, 141.101)	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, 24.033, 141.101)

Conversions

Conversions Part 1

Format	Color
Hex	95B792
RGB	149, 183, 146
RGB Percent	58%, 72%, 57%
CMY	0.4167, 0.2834, 0.4285
CMYK	0.19, 0.00, 0.20, 0.28
HSL	115°, 20%, 64%
HSV	115°, 20%, 72%
XYZ	34.3924, 42.1875, 33.4186
YIQ	168.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

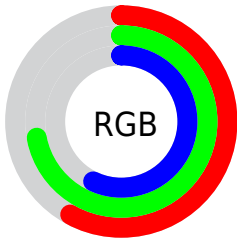
Format	Color
RYB	146, 183, 180
Decimal	9811858
CIELab	71.00, -18.70, 15.09
CIELCh	71, 24.033, 141.101
Yxy	42.1875, 0.3127, 0.3835
Android (android.graphics.Color)	4288001938 (0xFF95B792)
YUV	168.6160, -11.1497, -17.2032
Hunter-Lab	64.9519, -19.1492, 14.9609

Details

The CIELCh color **71, 24.033, 141.101** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 24.127, 323.231**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 23.904, 140.760**, and **51, 24.180, 140.571** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.903, 140.391**, and if you desaturate by 10%, it is **73, 12.111, 141.725**.

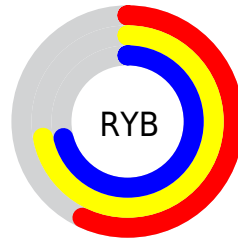
Distribution



Red (58%)

Green (72%)

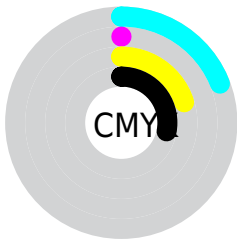
Blue (57%)



Red (57%)

Yellow (72%)

Blue (71%)

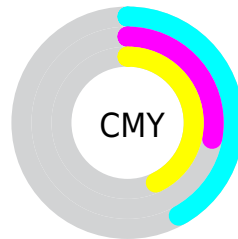


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (28%)



Cyan (42%)


Magenta (28%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 24.033, 141.101 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, 24.033, 141.101 by changing the saturation by 10% instead.


 71, 24.033,
141.101


 71, 24.033,
141.101


 100, 24.033,
141.101


 61, 24.033,
141.101


 91, 24.033,
141.101

 51, 24.033,
141.101

 41, 24.033,
141.101

 31, 24.033,
141.101

 21, 24.033,
141.101

 11, 24.033,
141.101

 1, 24.033, 141.101

■ 0, 24.033, 141.101

■ 71, 24.033,
141.101

■ 71, 24.033,
141.101

■ 70, 35.903,
140.391

■ 73, 12.111,
141.725

■ 68, 47.515,
139.591

■ 74, 0.278, 143.037

■ 67, 58.610,
138.716

■ 76, 11.361,
322.663

■ 67, 68.848,
137.807

■ 78, 22.735,
323.054

■ 66, 77.808,
136.943

■ 80, 33.802,
323.382

■ 65, 85.001,
136.242

■ 82, 44.373,
323.795

■ 65, 89.977,
135.833

■ 83, 45.276,
325.992

■ 65, 92.804,
135.660

Harmonies

Complementary

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



71, 24.033, 141.101



65, 24.127, 323.231

Rectangle

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



71, 24.033, 141.101



71, 24.033, 191.101



71, 24.033, 321.101



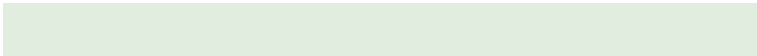
71, 24.033, 11.101

Sweetspot

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



71, 24.035, 141.102



93, 8.741, 141.966



73, 18.319, 104.515



50, 5.848, 141.928



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, 24.035, 141.102



89, 35.236, 140.818



71, 18.212, 157.777



38, 6.720, 141.778



56, 82.325, 135.596



8, 18.537, 142.848

Inverse Universe

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



65, 24.127, 323.231



80, 35.386, 323.435



64, 18.514, 341.013



36, 6.740, 322.683



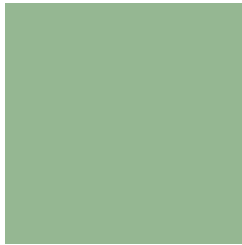
34, 80.282, 325.118



3, 18.091, 321.302

Previews

White Background



This preview shows how the CIELCh color 71, 24.033, 141.101 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, 24.033, 141.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

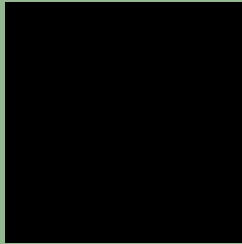
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.033, 141.101

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.033, 141.101.



This preview shows how white text looks on a background with the CIELCh color 71, 24.033, 141.101.

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](#).

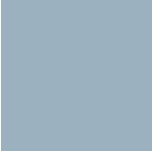
Dichromacy



Original Color
71, 24.033, 141.101

Protanopia
71, 17.935, 94.031

Deuteranopia
71, 16.329, 56.815



Tritanopia
71, 10.460, 246.147

Trichromacy



Original Color
71, 24.033, 141.101

Protanomaly
71, 18.562, 115.736

Deuteranomaly
71, 13.950, 95.581

Tritanomaly
71, 9.745, 185.657

Monochromacy



Original Color
71, 24.033, 141.101

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.492, 141.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.033, 141.101 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(149, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 183, 146)  
}
```

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(149, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 183, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.033, 141.101 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(149, 183, 146) }
```

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

```
.border{ border-color:rgb(149, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 183,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.033, 141.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 183, 146) }
```

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

```
.background{ background-color: rgb(149,  
183, 146) }
```

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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