

Converting Colors

CIELCh(71, 25.559, 143.782)

Have a look what the booklet for
CIELCh(71, 25.559, 143.782)
contains.

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Color

CIELCh(71, 25.540, 143.767)

Conversions

Conversions Part 1

Format	Color
Hex	91B892
RGB	145, 184, 146
RGB Percent	57%, 72%, 57%
CMY	0.4327, 0.2798, 0.4288
CMYK	0.21, 0.00, 0.21, 0.28
HSL	122°, 21%, 64%
HSV	122°, 21%, 72%
XYZ	33.8459, 42.1875, 33.4153
YIQ	168.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

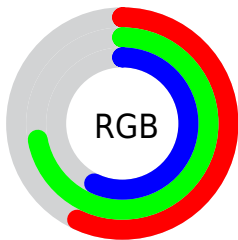
Format	Color
RYB	145, 183, 184
Decimal	9549970
CIELab	71.00, -20.60, 15.10
CIELCh	71, 25.540, 143.767
Yxy	42.1875, 0.3092, 0.3855
Android (android.graphics.Color)	4287740050 (0xFF91B892)
YUV	168.0070, -10.8495, -20.1771
Hunter-Lab	64.9519, -20.6511, 14.9639

Details

The CIELCh color **71, 25.540, 143.767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 25.561, 326.289**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.543, 144.019**, and **51, 25.764, 143.300** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.533, 142.939**, and if you desaturate by 10%, it is **73, 13.459, 144.483**.

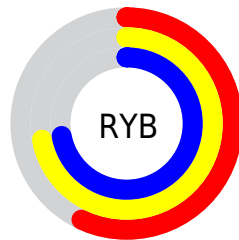
Distribution



Red (57%)

Green (72%)

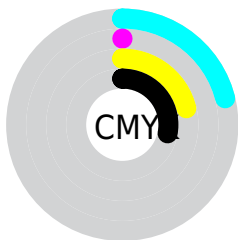
Blue (57%)



Red (57%)

Yellow (72%)

Blue (72%)

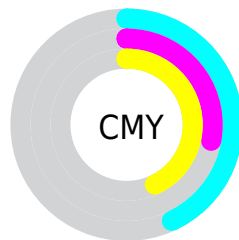


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (28%)



Cyan (43%)


Magenta (28%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.540, 143.767 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, 25.540, 143.767 by changing the saturation by 10% instead.


 71, 25.540,
143.767


 71, 25.540,
143.767


 100, 25.540,
143.767


 61, 25.540,
143.767


 91, 25.540,
143.767

 51, 25.540,
143.767

 41, 25.540,
143.767

 31, 25.540,
143.767

 21, 25.540,
143.767

 11, 25.540,
143.767

 1, 25.540, 143.767

0, 25.540, 143.767

71, 25.540,
143.767

71, 25.540,
143.767

70, 37.533,
142.939

73, 13.459,
144.483

68, 49.208,
141.987

74, 1.457, 145.236

67, 60.276,
140.918

76, 10.342,
325.552

67, 70.387,
139.761

79, 21.857,
325.998

66, 79.129,
138.586

81, 33.037,
326.370

65, 86.056,
137.505

83, 43.855,
326.686

■ 65, 90.773,
136.659

■ 83, 44.707,
325.973

■ 65, 93.128,
136.226

Harmonies

Complementary

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



71, 25.540, 143.767



65, 25.561, 326.289

Rectangle

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



71, 25.540, 143.767



71, 25.540, 193.767



71, 25.540, 323.767



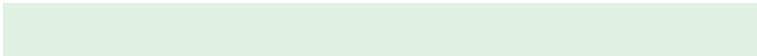
71, 25.540, 13.767

Sweetspot

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



71, 25.542, 143.767



93, 8.894, 144.819



74, 20.922, 108.857



49, 5.899, 144.777



97, 0.011, 296.813



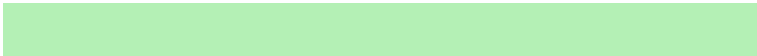
50, 0.007, 296.813

Same Dimension

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



71, 25.542, 143.767



89, 37.351, 143.435



71, 17.769, 162.693



38, 6.779, 144.608



56, 82.284, 136.273



8, 18.652, 144.947

Inverse Universe

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



65, 25.561, 326.289



80, 37.369, 326.519



64, 18.282, 346.436



36, 6.790, 325.623



37, 78.316, 329.267



3, 18.340, 325.715

Previews

White Background



This preview shows how the CIELCh color 71, 25.540, 143.767 looks on a white background.

Color Contrast Check

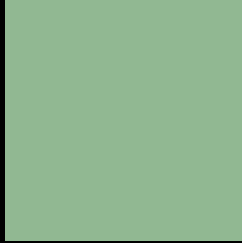
Large Text (above 18pt) WCAG AA × Fail

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, 25.540, 143.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

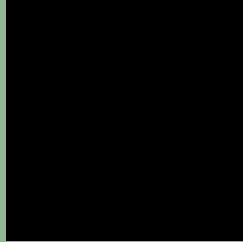
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 25.540, 143.767

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.540, 143.767.

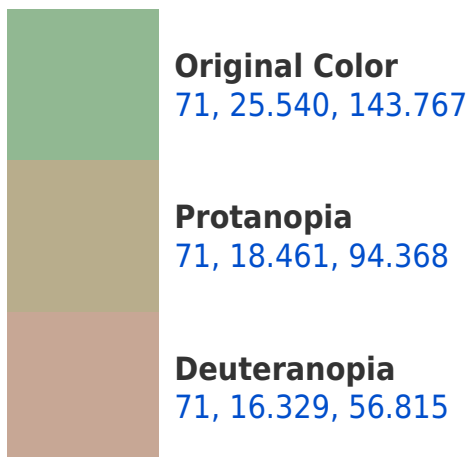


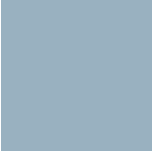
This preview shows how white text looks on a background with the CIELCh color 71, 25.540, 143.767.

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





Tritanopia
71, 11.521, 244.472

Trichromacy



Original Color
71, 25.540, 143.767

Protanomaly
71, 19.153, 116.661

Deuteranomaly
71, 13.789, 98.828

Tritanomaly
71, 10.765, 186.804

Monochromacy



Original Color
71, 25.540, 143.767

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 9.370, 144.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.540, 143.767 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(145, 184, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 184, 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(145, 184, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 184, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.540, 143.767 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(145, 184, 146) }
```

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

```
.border{ border-color:rgb(145, 184, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 184, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 184, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 184, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 184,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.540, 143.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 184, 146) }
```

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

```
.background{ background-color: rgb(145,  
184, 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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