

Converting Colors

CIELCh(68, 43.656, 141.516)

Have a look what the booklet for
CIELCh(68, 43.656, 141.516)
contains.

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Color

CIELCh(68, 43.729, 141.448)

Conversions

Conversions Part 1

Format	Color
Hex	74B573
RGB	116, 181, 115
RGB Percent	45%, 71%, 45%
CMY	0.5453, 0.2904, 0.5492
CMYK	0.36, 0.00, 0.36, 0.29
HSL	119°, 31%, 58%
HSV	119°, 36%, 71%
XYZ	26.8002, 37.9720, 22.1213
YIQ	154.0410, -17.5540, -34.3060

Conversions

Conversions Part 2

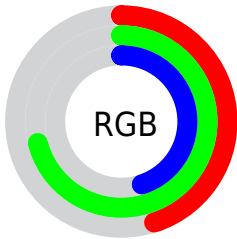
Format	Color
RYB	115, 181, 180
Decimal	7648627
CIELab	68.00, -34.20, 27.25
CIElCh	68, 43.729, 141.448
Yxy	37.9720, 0.3084, 0.4370
Android (android.graphics.Color)	4285838707 (0xFF74B573)
YUV	154.0410, -19.2472, -33.3620
Hunter-Lab	61.6215, -30.2050, 21.8507

Details

The CIELCh color **68, 43.729, 141.448** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **57, 43.724, 325.940**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 43.419, 141.720**, and **48, 43.853, 141.363** is the 20% darker color. If you saturate the color by 10%, you get **67, 55.129, 140.478**, and if you desaturate by 10%, it is **69, 31.867, 142.309**.

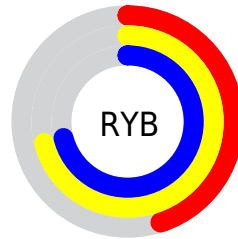
Distribution



Red (45%)

Green (71%)

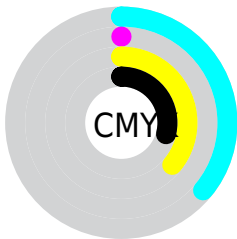
Blue (45%)



Red (45%)

Yellow (71%)

Blue (71%)

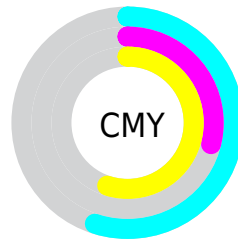


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (29%)



Cyan (55%)

Magenta (29%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 43.729, 141.448 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 68, 43.729, 141.448 by changing the saturation by 10% instead.

 68, 43.729,
141.448

 68, 43.729,
141.448

 100, 43.729,
141.448

 58, 43.729,
141.448

 88, 43.729,
141.448

 48, 43.729,
141.448

 98, 43.729,
141.448

 38, 43.729,
141.448

 28, 43.729,
141.448

 18, 43.729,
141.448

 8, 43.729, 141.448

 0, 43.729, 141.448

■ 68, 43.729,
141.448

■ 68, 43.729,
141.448

■ 67, 55.129,
140.478

■ 69, 31.867,
142.309

■ 66, 65.732,
139.422

■ 71, 19.802,
143.057

■ 65, 75.132,
138.341

■ 72, 7.735, 143.711

■ 74, 4.190, 324.164

■ 65, 82.860,
137.340

■ 76, 15.871,
324.663

■ 64, 88.448,
136.558

■ 78, 27.244,
325.056

■ 64, 91.654,
136.097

■ 81, 38.271,
325.387

■ 64, 92.500,
135.952

■ 83, 46.380,
326.029

Harmonies

Complementary

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



68, 43.729, 141.448



57, 43.724, 325.940

Rectangle

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



68, 43.729, 141.448



68, 43.729, 191.448



68, 43.729, 321.448



68, 43.729, 11.448

Sweetspot

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



68, 43.730, 141.448



90, 16.288, 143.412



72, 34.614, 105.977



48, 10.943, 143.325



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 43.730, 141.448



85, 64.614, 140.654



69, 30.606, 159.317



37, 6.707, 143.532



55, 81.714, 135.937



6, 16.198, 144.134

Inverse Universe

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



57, 43.724, 325.940



69, 64.485, 326.331



56, 31.848, 346.188



35, 6.719, 324.514



36, 78.976, 327.644



3, 16.141, 323.821

Previews

White Background



This preview shows how the CIELCh color 68, 43.729, 141.448 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 68, 43.729, 141.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

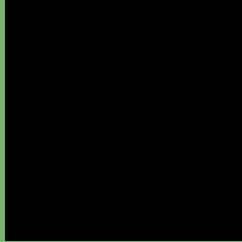
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 43.729, 141.448

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.729, 141.448.



This preview shows how white text looks on a background with the CIELCh color 68, 43.729, 141.448.

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
68, 43.729, 141.448

Protanopia
68, 31.550, 95.955

Deuteranopia
68, 26.424, 71.330



Tritanopia
68, 16.172, 227.066

Trichromacy



Original Color
68, 43.729, 141.448

Protanomaly
68, 32.987, 117.738

Deuteranomaly
67, 26.132, 107.431

Tritanomaly
68, 20.252, 173.553

Monochromacy



Original Color
68, 43.729, 141.448

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 16.304, 143.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.729, 141.448 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(116, 181, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 181, 115)  
}
```

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(116, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 181, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.729, 141.448 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(116, 181, 115) }
```

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

```
.border{ border-color:rgb(116, 181, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 181, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 181, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 181, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 181,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.729, 141.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 181, 115) }
```

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

```
.background{ background-color: rgb(116,  
181, 115) }
```

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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