

Converting Colors

CIELCh(70, 43.831, 132.224)

Have a look what the booklet for
CIELCh(70, 43.831, 132.224)
contains.

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Color

CIELCh(70, 43.959, 132.184)

Conversions

Conversions Part 1

Format	Color
Hex	88B86E
RGB	136, 184, 110
RGB Percent	53%, 72%, 43%
CMY	0.4659, 0.2776, 0.5679
CMYK	0.26, 0.00, 0.40, 0.28
HSL	99°, 34%, 58%
HSV	99°, 40%, 72%
XYZ	30.1956, 40.7494, 21.0814
YIQ	161.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

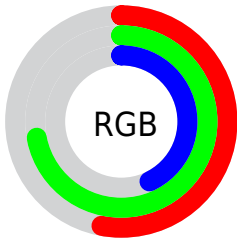
Format	Color
RYB	110, 184, 158
Decimal	8960110
CIELab	70.00, -29.52, 32.57
CIElCh	70, 43.959, 132.184
Yxy	40.7494, 0.3281, 0.4428
Android (android.graphics.Color)	4287150190 (0xFF88B86E)
YUV	161.2120, -25.2475, -22.1109
Hunter-Lab	63.8353, -27.2771, 25.1044

Details

The CIELCh color **70, 43.959, 132.184** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **54, 45.590, 315.808**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 43.986, 131.901**, and **50, 44.027, 132.283** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.375, 131.684**, and if you desaturate by 10%, it is **71, 33.171, 132.702**.

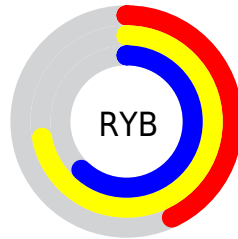
Distribution



Red (53%)

Green (72%)

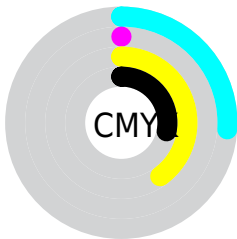
Blue (43%)



Red (43%)

Yellow (72%)

Blue (62%)

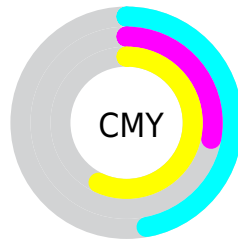


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (28%)



Cyan (47%)


Magenta (28%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 43.959, 132.184 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 70, 43.959, 132.184 by changing the saturation by 10% instead.


 70, 43.959,
132.184


 70, 43.959,
132.184


 100, 43.959,
132.184


 60, 43.959,
132.184


 90, 43.959,
132.184

 50, 43.959,
132.184

 40, 43.959,
132.184

 30, 43.959,
132.184

 20, 43.959,
132.184

 10, 43.959,
132.184

 0, 43.959, 132.184

70, 43.959,
132.184

70, 43.959,
132.184

69, 54.375,
131.684

71, 33.171,
132.702

68, 64.150,
131.253

72, 22.196,
133.202

68, 72.924,
130.982

73, 11.169,
133.672

67, 80.249,
130.988

75, 0.188, 134.905

66, 85.681,
131.393

76, 10.680,
314.439

66, 89.261,
132.115

78, 21.386,
314.778

80, 31.898,
315.070

81, 40.969,
316.046

■ 82, 42.567,
321.300

Harmonies

Complementary

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



70, 43.959, 132.184



54, 45.590, 315.808

Rectangle

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



70, 43.959, 132.184



70, 43.959, 182.184



70, 43.959, 312.184



70, 43.959, 2.184

Sweetspot

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



70, 43.960, 132.185



93, 16.319, 133.580



66, 28.438, 83.108



49, 10.822, 133.520



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 43.960, 132.185



88, 64.529, 131.750



69, 44.677, 145.134



38, 6.197, 133.711



57, 78.607, 131.930



8, 17.465, 137.081

Inverse Universe

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



54, 45.590, 315.808



64, 67.431, 316.152



57, 44.664, 330.711



36, 6.255, 314.454



27, 83.526, 315.930



2, 16.445, 310.246

Previews

White Background



This preview shows how the CIELCh color 70, 43.959, 132.184 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 70, 43.959, 132.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

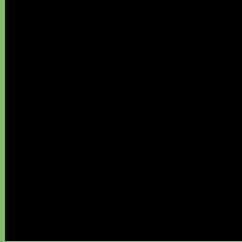
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 43.959, 132.184

Background



This preview shows how black text looks on a background with the CIELCh color 70, 43.959, 132.184.



This preview shows how white text looks on a background with the CIELCh color 70, 43.959, 132.184.

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](#).

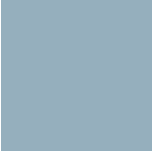
Dichromacy



Original Color
70, 43.959, 132.184

Protanopia
70, 36.080, 96.236

Deuteranopia
70, 31.894, 73.891



Tritanopia
70, 11.680, 240.079

Trichromacy



Original Color
70, 43.959, 132.184

Protanomaly
70, 37.002, 111.677

Deuteranomaly
69, 31.477, 100.784

Tritanomaly
70, 16.149, 160.502

Monochromacy



Original Color
70, 43.959, 132.184

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 15.784, 133.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 43.959, 132.184 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(136, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(136, 184, 110)  
}
```

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(136, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 184, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 43.959, 132.184 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(136, 184, 110) }
```

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

```
.border{ border-color:rgb(136, 184, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 184, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(136, 184,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 43.959, 132.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 184, 110) }
```

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

```
.background{ background-color: rgb(136,  
184, 110) }
```

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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