

Converting Colors

CIELCh(70, 48.314, 132.546)

Have a look what the booklet for
CIELCh(70, 48.314, 132.546)
contains.

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Color

CIELCh(70, 48.192, 132.555)

Conversions

Conversions Part 1

Format	Color
Hex	83B968
RGB	131, 185, 104
RGB Percent	51%, 73%, 41%
CMY	0.4846, 0.2728, 0.5906
CMYK	0.29, 0.00, 0.44, 0.27
HSL	100°, 37%, 57%
HSV	100°, 44%, 73%
XYZ	29.3869, 40.7494, 19.5219
YIQ	159.6200, -6.1830, -36.6390

Conversions

Conversions Part 2

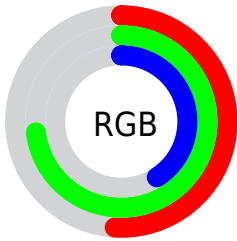
Format	Color
RYB	104, 185, 158
Decimal	8632680
CIELab	70.00, -32.59, 35.50
CIELCh	70, 48.192, 132.555
Yxy	40.7494, 0.3278, 0.4545
Android (android.graphics.Color)	4286822760 (0xFF83B968)
YUV	159.6200, -27.4207, -25.0997
Hunter-Lab	63.8353, -29.5382, 26.5528

Details

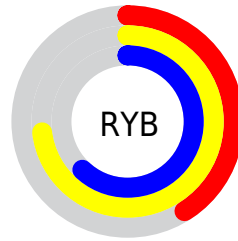
The CIELCh color **70, 48.192, 132.555** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 50.002, 316.520**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 48.102, 132.359**, and **50, 48.240, 132.542** is the 20% darker color. If you saturate the color by 10%, you get **69, 58.526, 132.055**, and if you desaturate by 10%, it is **71, 37.394, 133.085**.

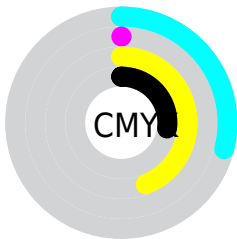
Distribution



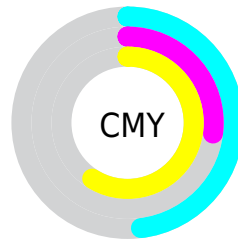
- Red (51%)
- Green (73%)
- Blue (41%)



- Red (41%)
- Yellow (73%)
- Blue (62%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)





- Cyan (48%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 48.192, 132.555 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, 48.192, 132.555 by changing the saturation by 10% instead.


 70, 48.192,
132.555


 70, 48.192,
132.555


 100, 48.192,
132.555


 60, 48.192,
132.555


 90, 48.192,
132.555

 50, 48.192,
132.555

 40, 48.192,
132.555

 30, 48.192,
132.555

 20, 48.192,
132.555

 10, 48.192,
132.555

 0, 48.192, 132.555

70, 48.192,
132.555

70, 48.192,
132.555

69, 58.526,
132.055

71, 37.394,
133.085

68, 68.090,
131.646

72, 26.346,
133.602

68, 76.484,
131.430

73, 15.205,
134.088

67, 83.237,
131.532

75, 4.082, 134.556

67, 87.954,
132.059

76, 6.942, 314.885

66, 90.117,
132.504

78, 17.813,
315.245

79, 28.491,
315.551

81, 38.952,
315.816

■ 82, 41.639,
320.730

Harmonies

Complementary

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



70, 48.192, 132.555



53, 50.002, 316.520

Rectangle

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



70, 48.192, 132.555



70, 48.192, 182.555



70, 48.192, 312.555



70, 48.192, 2.555

Sweetspot

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



70, 48.193, 132.556



93, 17.927, 134.111



66, 31.573, 84.046



50, 12.654, 134.006



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 48.193, 132.556



88, 70.505, 132.094



69, 48.110, 145.260



38, 6.227, 134.290



56, 78.965, 132.318



8, 17.531, 137.486

Inverse Universe

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



53, 50.002, 316.520



63, 73.663, 316.856



55, 48.060, 331.516



36, 6.283, 315.034



28, 83.236, 316.462



2, 16.521, 310.937

Previews

White Background



This preview shows how the CIELCh color 70, 48.192, 132.555 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, 48.192, 132.555 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, 48.192, 132.555

Background



This preview shows how black text looks on a background with the CIELCh color 70, 48.192, 132.555.



This preview shows how white text looks on a background with the CIELCh color 70, 48.192, 132.555.

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, 48.192, 132.555

Protanopia
70, 38.823, 95.297

Deuteranopia
70, 34.478, 75.310



Tritanopia
70, 12.948, 235.212

Trichromacy



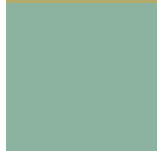
Original Color
70, 48.192, 132.555



Protanomaly
70, 40.077, 111.607



Deuteranomaly
69, 34.034, 101.661



Tritanomaly
70, 18.259, 161.088

Monochromacy



Original Color
70, 48.192, 132.555



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 17.618, 133.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 48.192, 132.555 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(131, 185, 104)` looks like.

```
.text, #text, p{  
    color:rgb(131, 185, 104)  
}
```

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(131, 185, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 185, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 48.192, 132.555 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(131, 185, 104) }
```

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

```
.border{ border-color:rgb(131, 185, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 185, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 185, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 185, 104);  
box-shadow:4px 4px 4px 4px rgb(131, 185,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 48.192, 132.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 185, 104) }
```

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

```
.background{ background-color: rgb(131,  
185, 104) }
```

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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