

Converting Colors

CIELCh(70, 59.010, 131.538)

Have a look what the booklet for
CIELCh(70, 59.010, 131.538)
contains.

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Color

CIELCh(70, 58.974, 131.661)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7ABC57 |
| RGB | 122, 188, 87 |
| RGB Percent | 48%, 74%, 34% |
| CMY | 0.5219, 0.2631, 0.6591 |
| CMYK | 0.35, 0.00, 0.54, 0.26 |
| HSL | 99°, 43%, 54% |
| HSV | 99°, 54%, 74% |
| XYZ | 27.6970, 40.7494, 15.4058 |
| YIQ | 156.7520, -6.9150, -45.4030 |

Conversions

Conversions Part 2

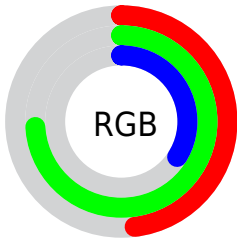
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 87, 188, 153 |
| Decimal | 8043607 |
| CIE Lab | 70.00, -39.20, 44.06 |
| CIE LCh | 70, 58.974, 131.661 |
| Yxy | 40.7494, 0.3303, 0.4860 |
| Android (android.graphics.Color) | 4286233687 (0xFF7ABC57) |
| YUV | 156.7520, -34.3877, -30.4775 |
| Hunter-Lab | 63.8353, -34.2636, 30.3758 |

Details

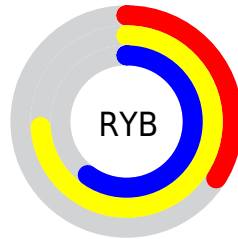
The CIELCh color **70, 58.974, 131.661** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **49, 61.819, 316.482**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 59.371, 131.765**, and **50, 58.826, 131.644** is the 20% darker color. If you saturate the color by 10%, you get **69, 68.600, 131.271**, and if you desaturate by 10%, it is **71, 48.575, 132.151**.

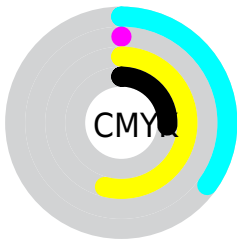
Distribution



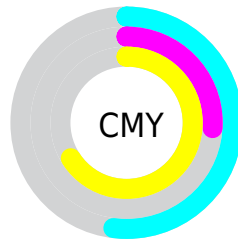
- Red (48%)
- Green (74%)
- Blue (34%)



- Red (34%)
- Yellow (74%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (54%)
- Black (26%)





- Cyan (52%)
- Magenta (26%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 58.974, 131.661 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, 58.974, 131.661 by changing the saturation by 10% instead.


 70, 58.974,
131.661

 70, 58.974,
131.661


 100, 58.974,
131.661


 60, 58.974,
131.661


 90, 58.974,
131.661

 50, 58.974,
131.661

 40, 58.974,
131.661

 30, 58.974,
131.661

 20, 58.974,
131.661

 10, 58.974,
131.661

 0, 58.974, 131.661

70, 58.974,
131.661

70, 58.974,
131.661

69, 68.600,
131.271

71, 48.575,
132.151

69, 77.044,
131.079

72, 37.705,
132.671

68, 83.833,
131.210

73, 26.583,
133.182

68, 88.572,
131.773

74, 15.366,
133.666

67, 90.729,
132.241

76, 4.164, 134.131

77, 6.943, 314.461

79, 17.899,
314.822

80, 28.666,
315.130

■ 82, 38.715,
315.713

Harmonies

Complementary

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



70, 58.974, 131.661



49, 61.819, 316.482

Rectangle

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



70, 58.974, 131.661



70, 58.974, 181.661



70, 58.974, 311.661



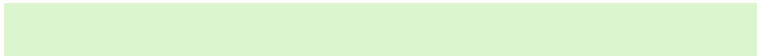
70, 58.974, 1.661

Sweetspot

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



70, 58.975, 131.662



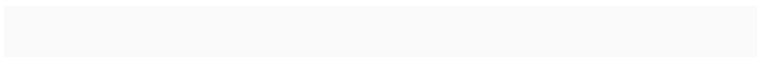
94, 22.189, 133.547



65, 39.504, 82.614



50, 14.980, 133.449



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, 58.975, 131.662



88, 85.103, 131.232



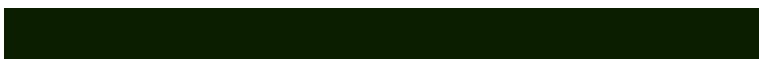
69, 58.965, 144.061



39, 6.347, 133.868



57, 79.669, 132.057



9, 19.939, 137.304

Inverse Universe

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



49, 61.819, 316.482



57, 89.873, 316.777



52, 58.522, 332.156



37, 6.406, 314.614



28, 84.456, 316.060



2, 18.676, 310.677

Previews

White Background



This preview shows how the CIELCh color 70, 58.974, 131.661 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, 58.974, 131.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

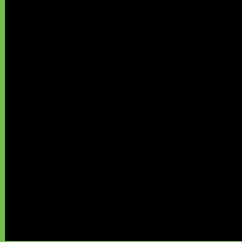
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 58.974, 131.661

Background



This preview shows how black text looks on a background with the CIELCh color 70, 58.974, 131.661.



This preview shows how white text looks on a background with the CIELCh color 70, 58.974, 131.661.

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, 58.974, 131.661

Protanopia

70, 47.795, 95.192

Deuteranopia

70, 42.513, 77.690



Tritanopia
70, 14.793, 229.939

Trichromacy



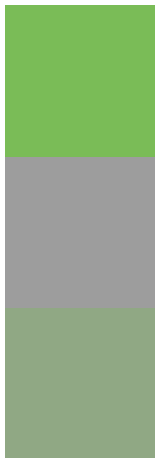
Original Color
70, 58.974, 131.661

Protanomaly
70, 49.405, 111.242

Deuteranomaly
69, 42.626, 102.280

Tritanomaly
70, 23.636, 157.173

Monochromacy



Original Color
70, 58.974, 131.661

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 21.980, 133.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 58.974, 131.661 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(122, 188, 87)` looks like.

```
.text, #text, p{  
    color:rgb(122, 188, 87)  
}
```

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(122, 188, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 188, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 58.974, 131.661 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(122, 188, 87) }
```

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

```
.border{ border-color:rgb(122, 188, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 188, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 188, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 188, 87);  
box-shadow:4px 4px 4px 4px rgb(122, 188,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 58.974, 131.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 188, 87) }
```

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

```
.background{ background-color: rgb(122,  
188, 87) }
```

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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