

Converting Colors

CIELCh(70, 29.925, 122.718)

Have a look what the booklet for
CIELCh(70, 29.925, 122.718)
contains.

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Color

CIELCh(70, 29.587, 122.412)

Conversions

Conversions Part 1

Format	Color
Hex	9FB27D
RGB	159, 178, 125
RGB Percent	62%, 70%, 49%
CMY	0.3760, 0.3015, 0.5094
CMYK	0.11, 0.00, 0.30, 0.30
HSL	82°, 26%, 59%
HSV	82°, 30%, 70%
XYZ	33.9698, 40.7494, 25.5117
YIQ	166.2770, 5.6890, -20.5110

Conversions

Conversions Part 2

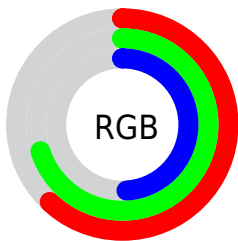
Format	Color
RYB	125, 178, 144
Decimal	10465917
CIELab	70.00, -15.86, 24.98
CIELCh	70, 29.587, 122.412
Yxy	40.7494, 0.3389, 0.4066
Android (android.graphics.Color)	4288655997 (0xFF9FB27D)
YUV	166.2770, -20.3496, -6.3819
Hunter-Lab	63.8353, -16.7234, 20.9895

Details

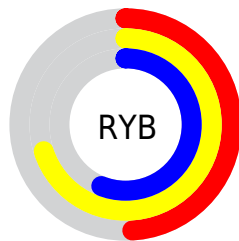
The CIELCh color **70, 29.587, 122.412** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 31.234, 305.767**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 29.761, 122.651**, and **50, 29.606, 122.001** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.260, 121.894**, and if you desaturate by 10%, it is **71, 19.715, 122.953**.

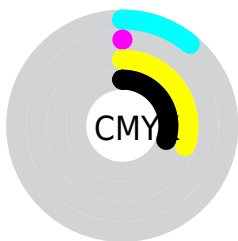
Distribution



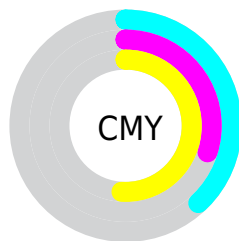
- Red (62%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 29.587, 122.412 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, 29.587, 122.412 by changing the saturation by 10% instead.


 70, 29.587,
122.412


 70, 29.587,
122.412


 100, 29.587,
122.412


 60, 29.587,
122.412


 90, 29.587,
122.412

 50, 29.587,
122.412

 40, 29.587,
122.412

 30, 29.587,
122.412

 20, 29.587,
122.412

 10, 29.587,
122.412

 0, 29.587, 122.412

70, 29.587,
122.412

70, 29.587,
122.412

69, 39.260,
121.894

71, 19.715,
122.953

69, 48.574,
121.429

72, 9.745, 123.488

68, 57.300,
121.073

73, 0.248, 303.736

67, 65.113,
120.910

74, 10.211,
304.472

67, 71.597,
121.044

75, 20.109,
304.928

67, 76.341,
121.590

76, 29.915,
305.349


66, 79.446,
122.521

77, 39.608,
305.735

66, 79.516,

78, 42.726,
307.806

122.543

 78, 43.233,
310.564

Harmonies

Complementary

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



70, 29.587, 122.412



56, 31.234, 305.767

Rectangle

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



70, 29.587, 122.412



70, 29.587, 172.412



70, 29.587, 302.412



70, 29.587, 352.412

Sweetspot

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



70, 29.589, 122.414



91, 11.140, 123.520



62, 17.958, 55.350



49, 7.805, 123.443



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 29.589, 122.414



88, 44.189, 122.054



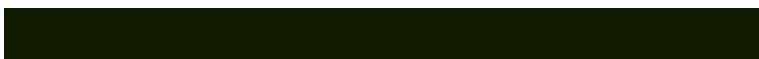
68, 33.853, 138.638



37, 5.664, 123.511



57, 70.989, 122.355



7, 14.042, 127.947

Inverse Universe

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



56, 31.234, 305.767



67, 47.325, 306.260



58, 34.175, 321.635



35, 5.761, 304.471



20, 87.592, 309.317



1, 13.589, 300.927

Previews

White Background



This preview shows how the CIELCh color 70, 29.587, 122.412 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 70, 29.587, 122.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

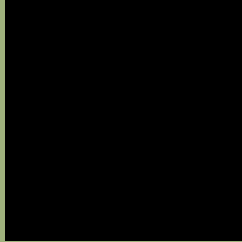
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 29.587, 122.412

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.587, 122.412.



This preview shows how white text looks on a background with the CIELCh color 70, 29.587, 122.412.

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

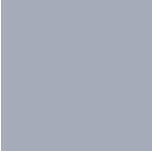
70, 29.587, 122.412

Protanopia

70, 27.106, 95.866

Deuteranopia

70, 25.310, 70.205



Tritanopia
70, 7.240, 279.343

Trichromacy



Original Color
70, 29.587, 122.412

Protanomaly
70, 27.518, 106.521

Deuteranomaly
70, 23.948, 90.619

Tritanomaly
70, 7.139, 141.682

Monochromacy



Original Color
70, 29.587, 122.412

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.762, 123.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.587, 122.412 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(159, 178, 125)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 125)  
}
```

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(159, 178, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.587, 122.412 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(159, 178, 125) }
```

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

```
.border{ border-color:rgb(159, 178, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 178, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 178, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 178, 125);  
box-shadow:4px 4px 4px 4px rgb(159, 178,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.587, 122.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 178, 125) }
```

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

```
.background{ background-color: rgb(159,  
178, 125) }
```

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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