

Converting Colors

CIELCh(70, 27.074, 127.874)

Have a look what the booklet for
CIELCh(70, 27.074, 127.874)
contains.

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Color

CIELCh(70, 27.172, 128.249)

Conversions

Conversions Part 1

Format	Color
Hex	9BB384
RGB	155, 179, 132
RGB Percent	61%, 70%, 52%
CMY	0.3931, 0.2990, 0.4832
CMYK	0.13, 0.00, 0.26, 0.30
HSL	91°, 24%, 61%
HSV	91°, 26%, 70%
XYZ	33.6940, 40.7494, 27.8378
YIQ	166.4660, 0.7830, -19.7050

Conversions

Conversions Part 2

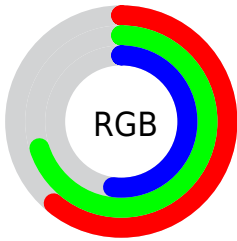
Format	Color
RYB	132, 179, 156
Decimal	10204036
CIELab	70.00, -16.82, 21.34
CIELCh	70, 27.172, 128.249
Yxy	40.7494, 0.3294, 0.3984
Android (android.graphics.Color)	4288394116 (0xFF9BB384)
YUV	166.4660, -16.9917, -10.0557
Hunter-Lab	63.8353, -17.4946, 18.8291

Details

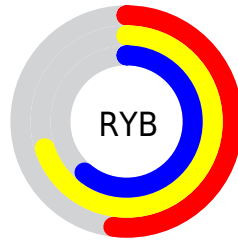
The CIELCh color **70, 27.172, 128.249** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 28.142, 310.672**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.418, 128.093**, and **50, 27.137, 128.308** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.362, 127.770**, and if you desaturate by 10%, it is **71, 16.849, 128.728**.

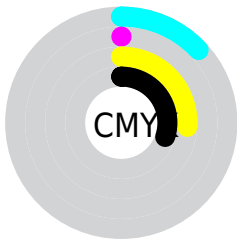
Distribution



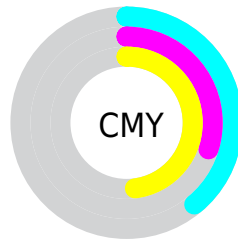
- Red (61%)
- Green (70%)
- Blue (52%)



- Red (52%)
- Yellow (70%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)





- Cyan (39%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.172, 128.249 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, 27.172, 128.249 by changing the saturation by 10% instead.

 70, 27.172,
128.249

 70, 27.172,
128.249


 100, 27.172,
128.249


 60, 27.172,
128.249


 90, 27.172,
128.249

 50, 27.172,
128.249

 40, 27.172,
128.249

 30, 27.172,
128.249

 20, 27.172,
128.249

 10, 27.172,
128.249

 0, 27.172, 128.249

70, 27.172,
128.249

70, 27.172,
128.249

69, 37.362,
127.770

71, 16.849,
128.728

68, 47.268,
127.316

72, 6.489, 129.191

67, 56.686,
126.935

73, 3.835, 309.565

67, 65.319,
126.705

75, 14.073,
309.972

66, 72.777,
126.731

76, 24.189,
310.325

66, 78.621,
127.138

77, 34.158,
310.641

65, 82.582,
128.008

79, 43.011,
311.316

65, 83.820,

80, 43.933,
315.216

128.355

■ 80, 45.039,
319.005

Harmonies

Complementary

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



70, 27.172, 128.249



59, 28.142, 310.672

Rectangle

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



70, 27.172, 128.249



70, 27.172, 178.249



70, 27.172, 308.249



70, 27.172, 358.249

Sweetspot

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



70, 27.174, 128.251



91, 10.216, 129.105



66, 16.298, 72.193



49, 7.323, 129.036



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, 27.174, 128.251



88, 40.810, 127.949



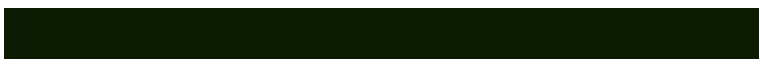
69, 31.485, 142.688



37, 5.845, 129.051



56, 74.584, 128.154



7, 14.532, 133.044

Inverse Universe

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



59, 28.142, 310.672



71, 42.652, 310.998



61, 31.493, 325.850



35, 5.922, 309.838



23, 84.896, 312.310



1, 13.865, 305.586

Previews

White Background



This preview shows how the CIELCh color 70, 27.172, 128.249 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, 27.172, 128.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

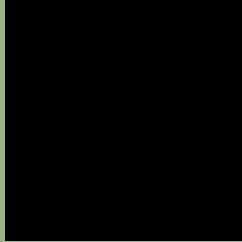
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

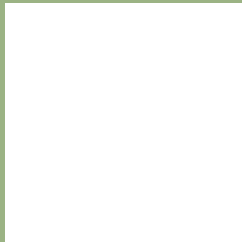
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 27.172, 128.249

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.172, 128.249.



This preview shows how white text looks on a background with the CIELCh color 70, 27.172, 128.249.

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

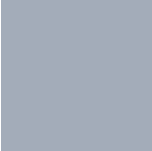
70, 27.172, 128.249

Protanopia

70, 23.866, 95.757

Deuteranopia

70, 21.684, 66.479



Tritanopia
70, 7.754, 266.221

Trichromacy



Original Color
70, 27.172, 128.249

Protanomaly
70, 24.336, 108.676

Deuteranomaly
70, 19.929, 91.443

Tritanomaly
70, 6.883, 159.424

Monochromacy



Original Color
70, 27.172, 128.249

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.954, 129.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.172, 128.249 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(155, 179, 132)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 132)  
}
```

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(155, 179, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.172, 128.249 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(155, 179, 132) }
```

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

```
.border{ border-color:rgb(155, 179, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 179, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 179, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 179, 132);  
box-shadow:4px 4px 4px 4px rgb(155, 179,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.172, 128.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 132) }
```

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

```
.background{ background-color: rgb(155,  
179, 132) }
```

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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