

Converting Colors

CIELCh(71, 27.397, 129.017)

Have a look what the booklet for
CIELCh(71, 27.397, 129.017)
contains.

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Color

CIELCh(71, 27.736, 128.601)

Conversions

Conversions Part 1

Format	Color
Hex	9DB686
RGB	157, 182, 134
RGB Percent	62%, 71%, 53%
CMY	0.3854, 0.2874, 0.4756
CMYK	0.14, 0.00, 0.26, 0.29
HSL	91°, 25%, 62%
HSV	91°, 26%, 71%
XYZ	34.7992, 42.1875, 28.7604
YIQ	169.0530, 0.5080, -20.2280

Conversions

Conversions Part 2

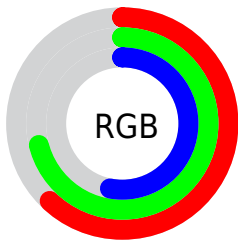
Format	Color
RYB	134, 182, 159
Decimal	10335878
CIELab	71.00, -17.30, 21.68
CIELCh	71, 27.736, 128.601
Yxy	42.1875, 0.3291, 0.3989
Android (android.graphics.Color)	4288525958 (0xFF9DB686)
YUV	169.0530, -17.2811, -10.5705
Hunter-Lab	64.9519, -18.0311, 19.2130

Details

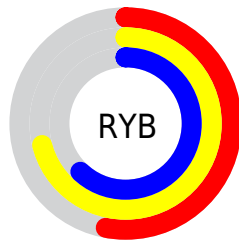
The CIELCh color **71, 27.736, 128.601** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 28.708, 311.019**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 27.967, 128.433**, and **51, 27.713, 128.677** is the 20% darker color. If you saturate the color by 10%, you get **70, 38.089, 128.122**, and if you desaturate by 10%, it is **72, 17.247, 129.079**.

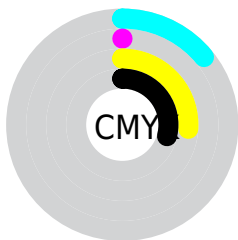
Distribution



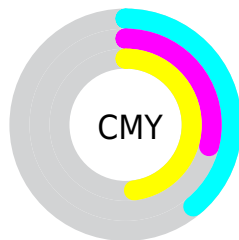
- Red (62%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (62%)



- Cyan (14%)
- Magenta (0%)
- Yellow (26%)
- Black (29%)





- Cyan (39%)
- Magenta (29%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.736, 128.601 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 71, 27.736, 128.601 by changing the saturation by 10% instead.


 71, 27.736,
128.601


 71, 27.736,
128.601


 100, 27.736,
128.601


 61, 27.736,
128.601


 91, 27.736,
128.601

 51, 27.736,
128.601

 41, 27.736,
128.601

 31, 27.736,
128.601

 21, 27.736,
128.601

 11, 27.736,
128.601

 1, 27.736, 128.601

■ 0, 27.736, 128.601

■ 71, 27.736,
128.601

■ 71, 27.736,
128.601

■ 70, 38.089,
128.122

■ 72, 17.247,
129.079

■ 69, 48.153,
127.666

■ 73, 6.721, 129.540

■ 68, 57.716,
127.284

■ 74, 3.766, 309.911

■ 68, 66.476,
127.053

■ 76, 14.164,
310.317

■ 67, 74.031,
127.080

■ 77, 24.434,
310.666

■ 67, 79.939,
127.490

■ 78, 34.552,
310.978

■ 80, 41.575,

■ 66, 83.930,
128.363

312.554

■ 66, 85.134,
128.699

■ 81, 42.622,
316.725

■ 82, 43.870,
320.747

Harmonies

Complementary

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



71, 27.736, 128.601



60, 28.708, 311.019

Rectangle

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



71, 27.736, 128.601



71, 27.736, 178.601



71, 27.736, 308.601



71, 27.736, 358.601

Sweetspot

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



71, 27.738, 128.603



93, 10.423, 129.461



67, 16.749, 73.904



50, 7.471, 129.392



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 27.738, 128.603



89, 41.646, 128.307



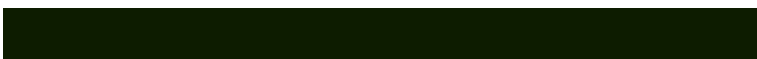
70, 31.697, 143.113



38, 5.998, 129.406



57, 75.754, 128.503



8, 16.970, 133.802

Inverse Universe

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



60, 28.708, 311.019



72, 43.480, 311.334



62, 31.707, 326.317



36, 6.075, 310.189



24, 85.758, 312.533



2, 16.009, 305.612

Previews

White Background



This preview shows how the CIELCh color 71, 27.736, 128.601 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 71, 27.736, 128.601 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 71, 27.736, 128.601

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.736, 128.601.

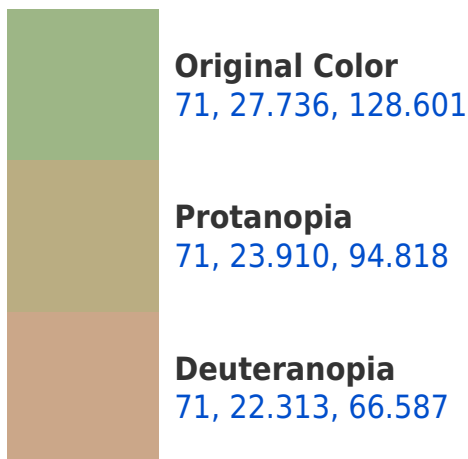


This preview shows how white text looks on a background with the CIELCh color 71, 27.736, 128.601.

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





Tritanopia
71, 7.877, 263.831

Trichromacy



Original Color
71, 27.736, 128.601

Protanomaly
71, 24.288, 108.701

Deuteranomaly
71, 20.384, 91.849

Tritanomaly
71, 7.509, 158.039

Monochromacy



Original Color
71, 27.736, 128.601

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.434, 128.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.736, 128.601 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(157, 182, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 182, 134)  
}
```

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(157, 182, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 182, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.736, 128.601 is called "border". The border property can be set on classes, ids or directly on the HTML element.

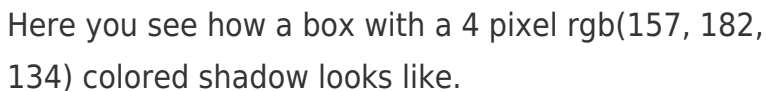
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 182, 134) }
```

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

```
.border{ border-color:rgb(157, 182, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 182, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 182, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 182, 134); box-shadow:4px 4px 4px 4px rgb(157, 182, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.736, 128.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 182, 134) }
```

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

```
.background{ background-color: rgb(157,  
182, 134) }
```

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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