

Converting Colors

CIELCh(71, 27.538, 112.789)

Have a look what the booklet for
CIELCh(71, 27.538, 112.789)
contains.

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Color

CIELCh(71, 27.538, 112.558)

Conversions

Conversions Part 1

Format	Color
Hex	ACB27F
RGB	172, 178, 127
RGB Percent	67%, 70%, 50%
CMY	0.3252, 0.3016, 0.5016
CMYK	0.03, 0.00, 0.29, 0.30
HSL	67°, 25%, 60%
HSV	67°, 29%, 70%
XYZ	36.8037, 42.1875, 26.3087
YIQ	170.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

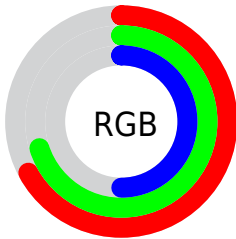
Format	Color
RYB	127, 178, 133
Decimal	11317887
CIELab	71.00, -10.56, 25.43
CIELCh	71, 27.538, 112.558
Yxy	42.1875, 0.3495, 0.4006
Android (android.graphics.Color)	4289507967 (0xFFACB27F)
YUV	170.3920, -21.3923, 1.4102
Hunter-Lab	64.9519, -12.5223, 21.4510

Details

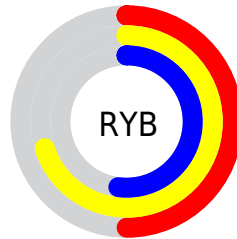
The CIELCh color **71, 27.538, 112.558** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 29.429, 297.536**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 27.772, 112.686**, and **51, 27.474, 112.221** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.848, 111.795**, and if you desaturate by 10%, it is **72, 18.014, 113.347**.

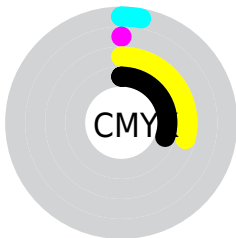
Distribution



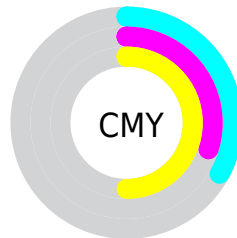
- Red (67%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)





- Cyan (33%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.538, 112.558 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, 27.538, 112.558 by changing the saturation by 10% instead.


 71, 27.538,
112.558


 71, 27.538,
112.558


 100, 27.538,
112.558


 61, 27.538,
112.558


 91, 27.538,
112.558

 51, 27.538,
112.558

 41, 27.538,
112.558

 31, 27.538,
112.558

 21, 27.538,
112.558

 11, 27.538,
112.558

 1, 27.538, 112.558

0, 27.538, 112.558

71, 27.538,
112.558

71, 27.538,
112.558

71, 36.848,
111.795

72, 18.014,
113.347

70, 45.788,
111.076

72, 8.369, 114.131

70, 54.133,
110.445

73, 1.328, 294.917

69, 61.558,
109.954

73, 11.034,
295.650

69, 67.639,
109.672

74, 20.716,
296.364

69, 71.945,
109.668

75, 30.353,
297.043

76, 39.926,

■ 69, 74.439,
109.950

297.685

■ 69, 74.740,
109.993

■ 76, 41.711,
298.536

■ 76, 41.768,
299.441

Harmonies

Complementary

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



71, 27.538, 112.558



55, 29.429, 297.536

Rectangle

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



71, 27.538, 112.558



71, 27.538, 162.558



71, 27.538, 292.558



71, 27.538, 342.558

Sweetspot

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



71, 27.540, 112.561



91, 10.809, 114.091



60, 19.195, 31.210



49, 7.571, 113.978



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 27.540, 112.561



90, 40.360, 112.102



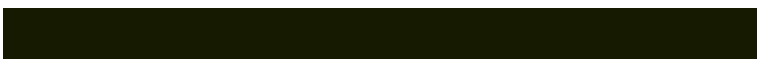
69, 30.355, 131.750



38, 5.495, 114.078



60, 66.811, 109.911



8, 13.428, 116.934

Inverse Universe

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



55, 29.429, 297.536



67, 43.842, 298.262



58, 31.236, 314.270



35, 5.613, 295.566



18, 90.683, 306.770



1, 13.354, 293.750

Previews

White Background



This preview shows how the CIELCh color 71, 27.538, 112.558 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, 27.538, 112.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

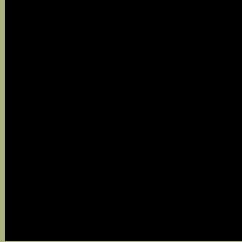
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

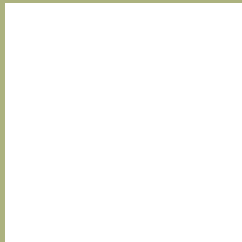
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 27.538, 112.558

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.538, 112.558.



This preview shows how white text looks on a background with the CIELCh color 71, 27.538, 112.558.

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


71, 27.538, 112.558

Protanopia

71, 26.622, 94.865

Deuteranopia

71, 25.801, 68.800



Tritanopia
71, 7.732, 313.265

Trichromacy



Original Color
71, 27.538, 112.558

Protanomaly
71, 26.589, 101.245

Deuteranomaly
71, 24.328, 84.683

Tritanomaly
71, 6.023, 102.230

Monochromacy



Original Color
71, 27.538, 112.558

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.378, 113.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.538, 112.558 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(172, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 127)  
}
```

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(172, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.538, 112.558 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(172, 178, 127) }
```

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

```
.border{ border-color:rgb(172, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.538, 112.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 127) }
```

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

```
.background{ background-color: rgb(172,  
178, 127) }
```

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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