

Converting Colors

CIELCh(72, 29.266, 133.027)

Have a look what the booklet for
CIELCh(72, 29.266, 133.027)
contains.

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Color

CIELCh(72, 29.240, 133.038)

Conversions

Conversions Part 1

Format	Color
Hex	9ABA89
RGB	154, 186, 137
RGB Percent	60%, 73%, 54%
CMY	0.3970, 0.2715, 0.4637
CMYK	0.17, 0.00, 0.26, 0.27
HSL	99°, 26%, 63%
HSV	99°, 26%, 73%
XYZ	35.2856, 43.6590, 30.1460
YIQ	170.8460, -3.3430, -22.0230

Conversions

Conversions Part 2

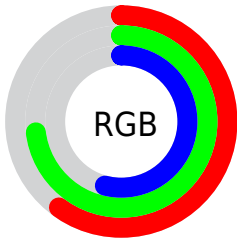
Format	Color
RYB	137, 186, 169
Decimal	10140297
CIELab	72.00, -19.96, 21.37
CIELCh	72, 29.240, 133.038
Yxy	43.6590, 0.3235, 0.4002
Android (android.graphics.Color)	4288330377 (0xFF9ABA89)
YUV	170.8460, -16.6861, -14.7739
Hunter-Lab	66.0750, -20.3079, 19.2021

Details

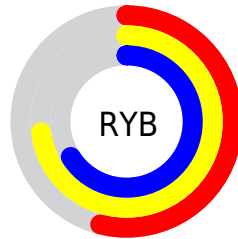
The CIELCh color **72, 29.240, 133.038** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 29.932, 315.351**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 28.922, 133.090**, and **52, 29.322, 133.315** is the 20% darker color. If you saturate the color by 10%, you get **71, 40.210, 132.523**, and if you desaturate by 10%, it is **73, 18.143, 133.530**.

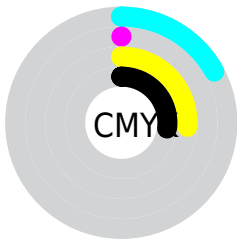
Distribution



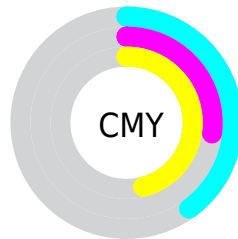
- Red (60%)
- Green (73%)
- Blue (54%)



- Red (54%)
- Yellow (73%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)





- Cyan (40%)
- Magenta (27%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 29.240, 133.038 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 72, 29.240, 133.038 by changing the saturation by 10% instead.


 72, 29.240,
133.038


 72, 29.240,
133.038


 100, 29.240,
133.038


 62, 29.240,
133.038


 92, 29.240,
133.038

 52, 29.240,
133.038

 42, 29.240,
133.038

 32, 29.240,
133.038

 22, 29.240,
133.038

 12, 29.240,
133.038

 2, 29.240, 133.038

0, 29.240, 133.038

72, 29.240,
133.038

72, 29.240,
133.038

71, 40.210,
132.523

73, 18.143,
133.530

70, 50.880,
132.007

75, 7.035, 133.992

69, 61.015,
131.537

76, 3.997, 314.334

77, 14.893,
314.721

68, 70.289,
131.187

79, 25.611,
315.040

68, 78.277,
131.066

81, 36.122,
315.317

67, 84.511,
131.300

82, 40.881,

■ 67, 88.690,
131.969

318.927

■ 67, 89.929,
132.222

■ 83, 42.699,
324.197

■ 84, 43.399,
325.928

Harmonies

Complementary

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



72, 29.240, 133.038



61, 29.932, 315.351

Rectangle

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



72, 29.240, 133.038



72, 29.240, 183.038



72, 29.240, 313.038



72, 29.240, 3.038

Sweetspot

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



72, 29.242, 133.039



94, 10.968, 133.912



70, 18.756, 86.399



50, 7.864, 133.842



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 29.242, 133.039



91, 43.964, 132.723



71, 29.356, 146.971



38, 6.204, 133.857



56, 78.698, 132.030



8, 17.482, 137.184

Inverse Universe

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



61, 29.932, 315.351



75, 45.253, 315.623



63, 29.431, 330.426



36, 6.262, 314.600



27, 83.452, 316.063



2, 16.464, 310.419

Previews

White Background



This preview shows how the CIELCh color 72, 29.240, 133.038 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 72, 29.240, 133.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

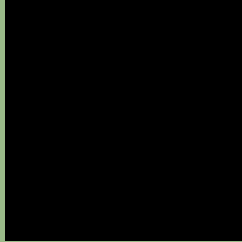
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.240, 133.038

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.240, 133.038.

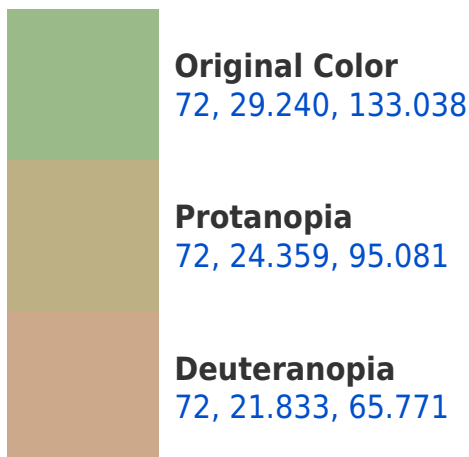


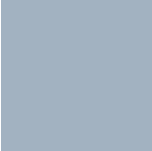
This preview shows how white text looks on a background with the CIELCh color 72, 29.240, 133.038.

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
72, 9.804, 255.856

Trichromacy



Original Color
72, 29.240, 133.038

Protanomaly
72, 24.783, 111.488

Deuteranomaly
72, 19.998, 95.286

Tritanomaly
72, 9.269, 170.646

Monochromacy



Original Color
72, 29.240, 133.038

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.205, 133.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.240, 133.038 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(154, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(154, 186, 137)  
}
```

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(154, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 186, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.240, 133.038 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(154, 186, 137) }
```

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

```
.border{ border-color:rgb(154, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(154, 186,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.240, 133.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 186, 137) }
```

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

```
.background{ background-color: rgb(154,  
186, 137) }
```

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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