

Converting Colors

CIELCh(72, 12.208, 131.450)

Have a look what the booklet for
CIELCh(72, 12.208, 131.450)
contains.

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Color

CIELCh(72, 11.812, 132.029)

Conversions

Conversions Part 1

Format	Color
Hex	A8B4A0
RGB	168, 180, 160
RGB Percent	66%, 71%, 63%
CMY	0.3401, 0.2930, 0.3715
CMYK	0.07, 0.00, 0.11, 0.29
HSL	96°, 12%, 67%
HSV	96°, 11%, 71%
XYZ	38.9549, 43.6590, 39.7579
YIQ	174.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

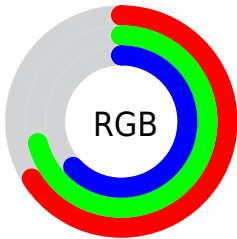
Format	Color
RYB	160, 180, 172
Decimal	11056288
CIELab	72.00, -7.91, 8.77
CIELCh	72, 11.812, 132.029
Yxy	43.6590, 0.3183, 0.3568
Android (android.graphics.Color)	4289246368 (0xFFA8B4A0)
YUV	174.1320, -6.9671, -5.3778
Hunter-Lab	66.0750, -10.3956, 10.5772

Details

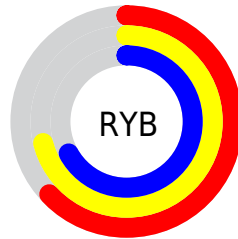
The CIELCh color **72, 11.812, 132.029** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 11.959, 312.936**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.840, 132.754**, and **52, 11.373, 132.278** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.496, 131.567**, and if you desaturate by 10%, it is **73, 1.157, 132.562**.

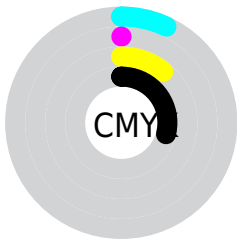
Distribution



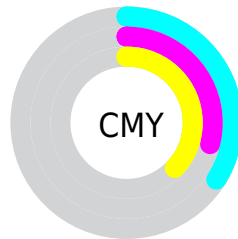
- Red (66%)
- Green (71%)
- Blue (63%)



- Red (63%)
- Yellow (71%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.812, 132.029 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, 11.812, 132.029 by changing the saturation by 10% instead.


 72, 11.812,
132.029


 72, 11.812,
132.029


 100, 11.812,
132.029


 62, 11.812,
132.029


 92, 11.812,
132.029

 52, 11.812,
132.029

 42, 11.812,
132.029

 32, 11.812,
132.029

 22, 11.812,
132.029

 12, 11.812,
132.029

 2, 11.812, 132.029

0, 11.812, 132.029

72, 11.812,
132.029

72, 11.812,
132.029

71, 22.496,
131.567

73, 1.157, 132.562

70, 33.113,
131.080

75, 9.408, 312.809

69, 43.534,
130.588

76, 19.836,
313.158

68, 53.576,
130.126

78, 30.095,
313.463

67, 62.980,
129.754

79, 40.163,
313.730

66, 71.392,
129.562

80, 43.609,
317.256

81, 45.066,

■ 66, 78.372,
129.670

321.730

■ 65, 83.505,
130.198

■ 82, 46.762,
325.977

■ 65, 86.674,
130.943

■ 83, 46.791,
326.043

Harmonies

Complementary

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



72, 11.812, 132.029



68, 11.959, 312.936

Rectangle

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



72, 11.812, 132.029



72, 11.812, 182.029



72, 11.812, 312.029



72, 11.812, 2.029

Sweetspot

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



72, 11.814, 132.032



92, 3.937, 132.406



71, 7.224, 83.992



49, 2.985, 132.364



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 11.814, 132.032



91, 17.151, 131.935



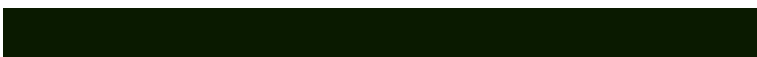
71, 12.442, 146.613



37, 5.976, 132.112



56, 76.625, 130.746



7, 14.818, 135.454

Inverse Universe

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



68, 11.959, 312.936



84, 17.395, 313.030



68, 12.466, 327.885



35, 6.040, 312.857



25, 83.319, 314.570



2, 14.105, 308.666

Previews

White Background



This preview shows how the CIELCh color 72, 11.812, 132.029 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, 11.812, 132.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

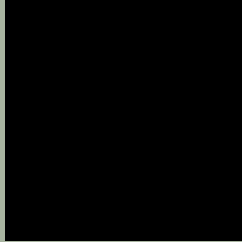
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 11.812, 132.029

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.812, 132.029.



This preview shows how white text looks on a background with the CIELCh color 72, 11.812, 132.029.

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](#).

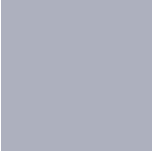
Dichromacy



Original Color
72, 11.812, 132.029

Protanopia
72, 10.238, 91.375

Deuteranopia
72, 11.867, 41.577



Tritanopia
72, 7.684, 282.836

Trichromacy



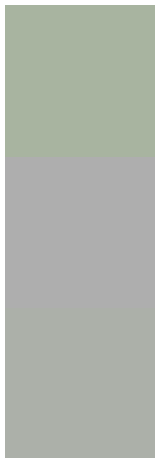
Original Color
72, 11.812, 132.029

Protanomaly
72, 10.286, 109.160

Deuteranomaly
72, 8.688, 73.696

Tritanomaly
72, 2.632, 211.330

Monochromacy



Original Color
72, 11.812, 132.029

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.107, 131.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.812, 132.029 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(168, 180, 160)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 160)  
}
```

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(168, 180, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.812, 132.029 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(168, 180, 160) }
```

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

```
.border{ border-color:rgb(168, 180, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 180, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 180, 160);  
box-shadow:4px 4px 4px 4px rgb(168, 180,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.812, 132.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 180, 160) }
```

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

```
.background{ background-color: rgb(168,  
180, 160) }
```

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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