

Converting Colors

CIELCh(72, 11.656, 103.525)

Have a look what the booklet for
CIELCh(72, 11.656, 103.525)
contains.

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Color

CIELCh(72, 11.429, 103.144)

Conversions

Conversions Part 1

Format	Color
Hex	B4B19C
RGB	180, 177, 156
RGB Percent	71%, 69%, 61%
CMY	0.2933, 0.3051, 0.3875
CMYK	0.00, 0.02, 0.13, 0.29
HSL	53°, 14%, 66%
HSV	53°, 13%, 71%
XYZ	40.6495, 43.6590, 37.8247
YIQ	175.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

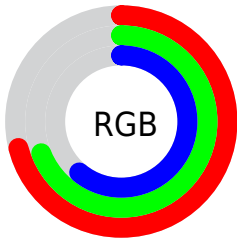
Format	Color
RYB	159, 180, 156
Decimal	11841948
CIELab	72.00, -2.60, 11.13
CIELCh	72, 11.429, 103.144
Yxy	43.6590, 0.3328, 0.3575
Android (android.graphics.Color)	4290032028 (0xFFB4B19C)
YUV	175.5030, -9.6150, 3.9439
Hunter-Lab	66.0750, -5.8177, 12.3118

Details

The CIELCh color **72, 11.429, 103.144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 11.680, 286.108**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.370, 103.675**, and **52, 11.562, 104.504** is the 20% darker color. If you saturate the color by 10%, you get **71, 20.018, 102.071**, and if you desaturate by 10%, it is **73, 2.839, 104.184**.

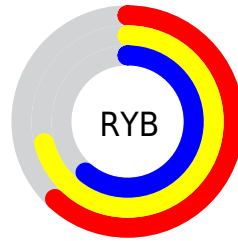
Distribution



Red (71%)

Green (69%)

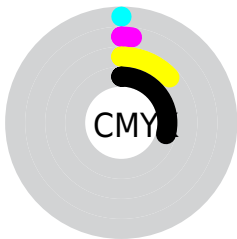
Blue (61%)



Red (62%)

Yellow (71%)

Blue (61%)

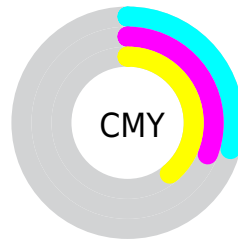


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.429, 103.144 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, 11.429, 103.144 by changing the saturation by 10% instead.


 72, 11.429,
103.144


 72, 11.429,
103.144


 100, 11.429,
103.144


 62, 11.429,
103.144


 92, 11.429,
103.144

 52, 11.429,
103.144

 42, 11.429,
103.144

 32, 11.429,
103.144

 22, 11.429,
103.144

 12, 11.429,
103.144

 2, 11.429, 103.144

0, 11.429, 103.144

72, 11.429,
103.144

72, 11.429,
103.144

71, 20.018,
102.071

73, 2.839, 104.184

70, 28.545,
100.973

74, 5.722, 285.271

69, 36.919, 99.871

75, 14.235,
286.251

68, 44.982, 98.778

76, 22.688,
287.198

68, 52.483, 97.709

78, 31.074,
288.103

67, 59.042, 96.678

79, 34.467,
287.761

66, 64.146, 95.689

79, 33.266,

■ 65, 67.284, 94.733 286.209

■ 65, 68.535, 94.105 ■ 80, 32.091,
284.549

■ 80, 30.944,
282.772

Harmonies

Complementary

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



72, 11.429, 103.144



66, 11.680, 286.108

Rectangle

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



72, 11.429, 103.144



72, 11.429, 153.144



72, 11.429, 283.144



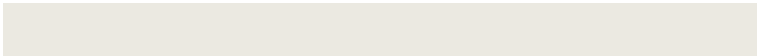
72, 11.429, 333.144

Sweetspot

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



72, 11.430, 103.152



92, 4.240, 104.113



67, 9.513, 9.610



49, 3.013, 104.040



96, 0.011, 296.813



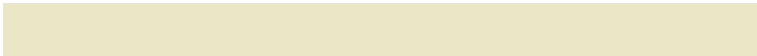
49, 0.007, 296.813

Same Dimension

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



72, 11.430, 103.152



91, 17.017, 102.836



72, 13.448, 123.606



37, 4.818, 103.576



56, 60.800, 94.229



7, 10.989, 101.428

Inverse Universe

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



66, 11.680, 286.108



82, 17.469, 286.490



66, 13.763, 304.994



35, 4.895, 285.617



19, 84.796, 304.184



1, 12.053, 285.978

Previews

White Background



This preview shows how the CIELCh color 72, 11.429, 103.144 looks on a white background.

Color Contrast Check

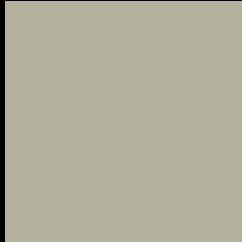
Large Text (above 18pt) WCAG AA × Fail

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, 11.429, 103.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

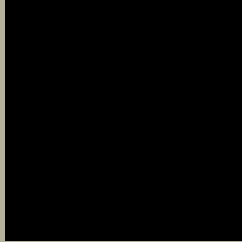
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

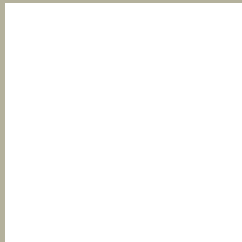
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.429, 103.144

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.429, 103.144.



This preview shows how white text looks on a background with the CIELCh color 72, 11.429, 103.144.

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, 11.429, 103.144

Protanopia

72, 11.278, 92.893

Deuteranopia

72, 13.634, 48.598



Tritanopia
72, 8.209, 320.465

Trichromacy



Original Color
72, 11.429, 103.144

Protanomaly
72, 11.175, 94.844

Deuteranomaly
72, 11.773, 67.047

Tritanomaly
72, 3.022, 19.496

Monochromacy



Original Color
72, 11.429, 103.144

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.864, 98.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.429, 103.144 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(180, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(180, 177, 156)  
}
```

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(180, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 177, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.429, 103.144 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(180, 177, 156) }
```

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

```
.border{ border-color:rgb(180, 177, 156) }
```

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

Here you see how a box with a 4 pixel rgb(180, 177, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(180, 177,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.429, 103.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 177, 156) }
```

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

```
.background{ background-color: rgb(180,  
177, 156) }
```

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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