

Converting Colors

CIELCh(72, 6.999, 107.977)

Have a look what the booklet for
CIELCh(72, 6.999, 107.977) contains.

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Color

CIELCh(72, 7.053, 106.349)

Conversions

Conversions Part 1

Format	Color
Hex	B2B1A4
RGB	178, 177, 164
RGB Percent	70%, 69%, 64%
CMY	0.3015, 0.3054, 0.3564
CMYK	0.00, 0.01, 0.08, 0.30
HSL	56°, 8%, 67%
HSV	56°, 8%, 70%
XYZ	40.8484, 43.6590, 41.4554
YIQ	175.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

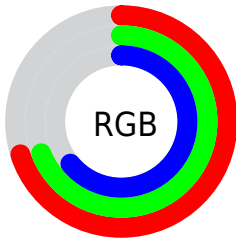
Format	Color
RYB	165, 178, 164
Decimal	11710884
CIELab	72.00, -1.99, 6.77
CIELCh	72, 7.053, 106.349
Yxy	43.6590, 0.3243, 0.3466
Android (android.graphics.Color)	4289900964 (0xFFB2B1A4)
YUV	175.8170, -5.8258, 1.9145
Hunter-Lab	66.0750, -5.2802, 9.0539

Details

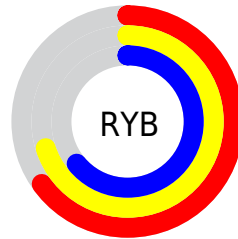
The CIELCh color **72, 7.053, 106.349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.170, 288.000**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 7.214, 106.701**, and **52, 6.949, 105.869** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.027, 105.347**, and if you desaturate by 10%, it is **73, 1.931, 287.416**.

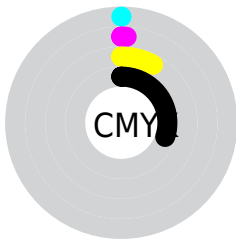
Distribution



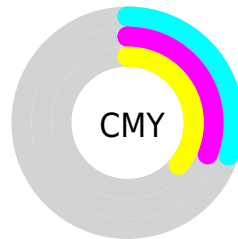
- Red (70%)
- Green (69%)
- Blue (64%)



- Red (65%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.053, 106.349 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, 7.053, 106.349 by changing the saturation by 10% instead.

■ 72, 7.053, 106.349

■ 72, 7.053, 106.349

■ 100, 7.053,
106.349

■ 62, 7.053, 106.349

■ 92, 7.053, 106.349

■ 52, 7.053, 106.349

■ 42, 7.053, 106.349

■ 32, 7.053, 106.349

■ 22, 7.053, 106.349

■ 12, 7.053, 106.349

■ 2, 7.053, 106.349

■ 0, 7.053, 106.349

■ 72, 7.053, 106.349

■ 72, 7.053, 106.349

71, 16.027,
105.347

73, 1.931, 287.416

71, 24.937,
104.317

74, 10.898,
288.348

70, 33.701,
103.289

75, 19.827,
289.277

69, 42.190,
102.278

75, 28.705,
290.169

69, 50.196,
101.305

76, 37.522,
291.019

68, 57.404,
100.395

77, 37.776,
290.457

68, 63.377, 99.573

77, 37.071,
289.714

67, 67.622, 98.857

77, 36.373,
288.944

67, 69.934, 98.243

78, 35.682,
288.146

Harmonies

Complementary

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



72, 7.053, 106.349



68, 7.170, 288.000

Rectangle

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



72, 7.053, 106.349



72, 7.053, 156.349



72, 7.053, 286.349



72, 7.053, 336.349

Sweetspot

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



72, 7.055, 106.361



92, 2.217, 106.911



69, 5.416, 13.037



49, 1.271, 106.919



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, 7.055, 106.361



91, 10.017, 106.231



72, 7.932, 125.745



37, 5.093, 106.214



58, 62.923, 98.178



8, 11.920, 105.476

Inverse Universe

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



68, 7.170, 288.000



86, 10.202, 288.145



68, 8.042, 306.475



35, 5.188, 288.164



18, 87.926, 305.216



1, 12.588, 287.886

Previews

White Background



This preview shows how the CIELCh color 72, 7.053, 106.349 looks on a white background.

Color Contrast Check

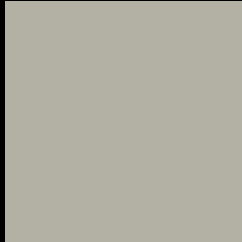
Large Text (above 18pt) WCAG AA × Fail

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, 7.053, 106.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

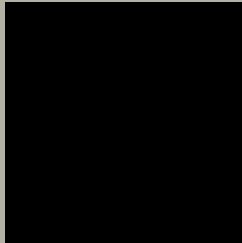
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

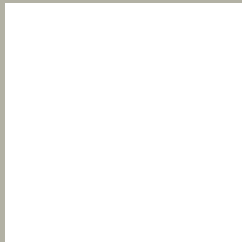
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.053, 106.349

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.053, 106.349.



This preview shows how white text looks on a background with the CIELCh color 72, 7.053, 106.349.

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, 7.053, 106.349

Protanopia

72, 7.539, 88.385

Deuteranopia

72, 10.903, 34.569



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color
72, 7.053, 106.349

Protanomaly
72, 7.299, 94.109

Deuteranomaly
72, 7.901, 53.033

Tritanomaly
72, 3.148, 335.790

Monochromacy



Original Color
72, 7.053, 106.349

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.194, 100.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.053, 106.349 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(178, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 164)  
}
```

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(178, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.053, 106.349 is called "border". The border property can be set on classes, ids or directly on the HTML element.

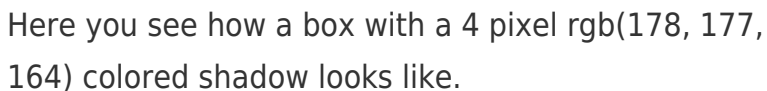
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 177, 164) }
```

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

```
.border{ border-color:rgb(178, 177, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 177, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 177, 164); box-shadow:4px 4px 4px 4px rgb(178, 177, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.053, 106.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 164) }
```

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

```
.background{ background-color: rgb(178,  
177, 164) }
```

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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