

Converting Colors

CIELCh(72, 8.762, 117.068)

Have a look what the booklet for
CIELCh(72, 8.762, 117.068) contains.

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Color

CIELCh(72, 8.754, 116.900)

Conversions

Conversions Part 1

Format	Color
Hex	AFB2A2
RGB	175, 178, 162
RGB Percent	69%, 70%, 64%
CMY	0.3130, 0.3013, 0.3640
CMYK	0.02, 0.00, 0.09, 0.30
HSL	71°, 9%, 67%
HSV	71°, 9%, 70%
XYZ	40.2102, 43.6590, 40.5704
YIQ	175.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

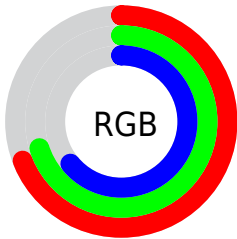
Format	Color
RYB	162, 178, 165
Decimal	11514530
CIELab	72.00, -3.96, 7.81
CIELCh	72, 8.754, 116.900
Yxy	43.6590, 0.3231, 0.3508
Android (android.graphics.Color)	4289704610 (0xFFAFB2A2)
YUV	175.2790, -6.5465, -0.2447
Hunter-Lab	66.0750, -7.0042, 9.8481

Details

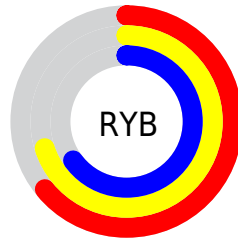
The CIELCh color $72, 8.754, 116.900$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.930, 298.162$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.828, 116.573$, and $52, 8.710, 114.532$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.466, 116.211$, and if you desaturate by 10%, it is $73, 1.002, 297.580$.

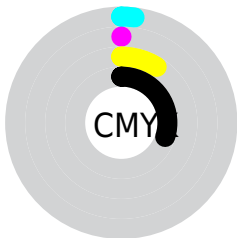
Distribution



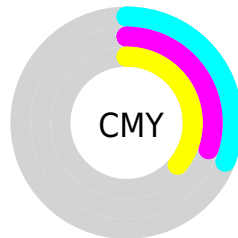
- Red (69%)
- Green (70%)
- Blue (64%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.754, 116.900 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, 8.754, 116.900 by changing the saturation by 10% instead.

■ 72, 8.754, 116.900

■ 72, 8.754, 116.900

■ 100, 8.754,
116.900

■ 62, 8.754, 116.900

■ 92, 8.754, 116.900

■ 52, 8.754, 116.900

■ 42, 8.754, 116.900

■ 32, 8.754, 116.900

■ 22, 8.754, 116.900

■ 12, 8.754, 116.900

■ 2, 8.754, 116.900

■ 0, 8.754, 116.900

■ 72, 8.754, 116.900

■ 72, 8.754, 116.900

71, 18.466,
116.211

73, 1.002, 297.580

71, 28.060,
115.514

73, 10.762,
298.240

70, 37.438,
114.837

74, 20.490,
298.864

70, 46.448,
114.212

75, 30.163,
299.454

69, 54.864,
113.685

76, 39.761,
300.007

69, 62.359,
113.318

77, 41.858,
301.268

69, 68.514,
113.194

77, 42.000,
302.725

68, 72.903,
113.399

77, 42.167,
304.185

68, 75.529,

77, 42.358,
305.644

113.940

Harmonies

Complementary

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



72, 8.754, 116.900



67, 8.930, 298.162

Rectangle

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



72, 8.754, 116.900



72, 8.754, 166.900



72, 8.754, 296.900



72, 8.754, 346.900

Sweetspot

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



72, 8.756, 116.907



92, 3.620, 117.314



69, 5.294, 37.369



49, 2.768, 117.259



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, 8.756, 116.907



91, 13.288, 116.754



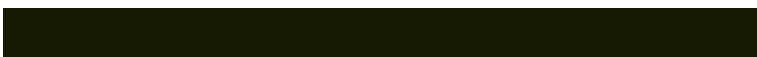
71, 9.679, 134.843



38, 5.528, 116.884



59, 67.687, 113.874



8, 13.568, 120.531

Inverse Universe

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



67, 8.930, 298.162



84, 13.611, 298.334



68, 9.759, 315.556



35, 5.642, 298.188



18, 90.022, 307.253



1, 13.400, 295.860

Previews

White Background



This preview shows how the CIELCh color 72, 8.754, 116.900 looks on a white background.

Color Contrast Check

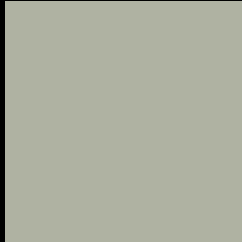
Large Text (above 18pt) WCAG AA × Fail

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, 8.754, 116.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

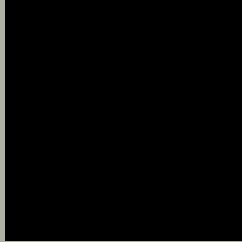
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 8.754, 116.900

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.754, 116.900.



This preview shows how white text looks on a background with the CIELCh color 72, 8.754, 116.900.

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, 8.754, 116.900

Protanopia

72, 8.565, 90.822

Deuteranopia

72, 11.461, 36.673



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 8.754, 116.900

Protanomaly
72, 8.740, 101.664

Deuteranomaly
72, 8.571, 58.934

Tritanomaly
72, 1.811, 314.651

Monochromacy



Original Color
72, 8.754, 116.900

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 3.280, 116.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.754, 116.900 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(175, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 162)  
}
```

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(175, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.754, 116.900 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(175, 178, 162) }
```

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

```
.border{ border-color:rgb(175, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.754, 116.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 162) }
```

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

```
.background{ background-color: rgb(175,  
178, 162) }
```

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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