

Converting Colors

CIELCh(72, 4.088, 137.459)

Have a look what the booklet for
CIELCh(72, 4.088, 137.459) contains.

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Color

CIELCh(72, 4.256, 136.062)

Conversions

Conversions Part 1

Format	Color
Hex	ADB2AB
RGB	173, 178, 171
RGB Percent	68%, 70%, 67%
CMY	0.3216, 0.3020, 0.3294
CMYK	0.03, 0.00, 0.04, 0.30
HSL	103°, 4%, 68%
HSV	103°, 4%, 70%
XYZ	40.4989, 43.6590, 44.8151
YIQ	175.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

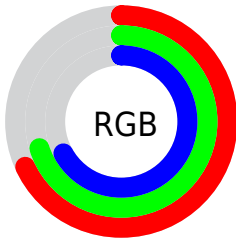
Format	Color
RYB	171, 178, 176
Decimal	11383467
CIELab	72.00, -3.06, 2.95
CIELCh	72, 4.256, 136.062
Yxy	43.6590, 0.3140, 0.3385
Android (android.graphics.Color)	4289573547 (0xFFADB2AB)
YUV	175.7070, -2.3206, -2.3740
Hunter-Lab	66.0750, -6.2245, 6.0392

Details

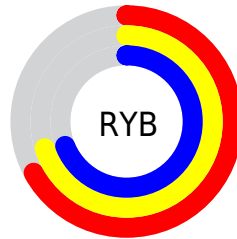
The CIELCh color $72, 4.256, 136.062$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 4.285, 316.311$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.667, 137.195$, and $52, 3.843, 134.511$ is the 20% darker color. If you saturate the color by 10%, you get $71, 15.167, 135.589$, and if you desaturate by 10%, it is $73, 6.545, 316.398$.

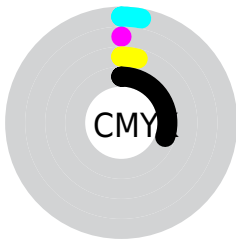
Distribution



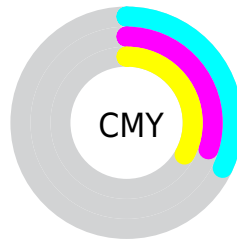
- Red (68%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.256, 136.062 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, 4.256, 136.062 by changing the saturation by 10% instead.

■ 72, 4.256, 136.062

■ 72, 4.256, 136.062

■ 100, 4.256,
136.062

■ 62, 4.256, 136.062

■ 92, 4.256, 136.062

■ 52, 4.256, 136.062

■ 42, 4.256, 136.062

■ 32, 4.256, 136.062

■ 22, 4.256, 136.062

■ 12, 4.256, 136.062

■ 2, 4.256, 136.062

■ 0, 4.256, 136.062

■ 72, 4.256, 136.062

■ 72, 4.256, 136.062

71, 15.167,
135.589

73, 6.545, 316.398

69, 26.101,
135.085

75, 17.184,
316.762

68, 36.945,
134.541

77, 27.620,
317.068

67, 47.539,
133.974

79, 37.828,
317.330

66, 57.663,
133.422

80, 45.476,
318.946

66, 67.017,
132.947

81, 47.289,
323.944

65, 75.204,
132.647

82, 48.205,
326.091

64, 81.765,
132.646

64, 86.313,

Harmonies

Complementary

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



72, 4.256, 136.062



71, 4.285, 316.311

Rectangle

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



72, 4.256, 136.062



72, 4.256, 186.062



72, 4.256, 316.062



72, 4.256, 6.062

Sweetspot

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



72, 4.258, 136.067



92, 1.333, 136.303



72, 2.765, 93.158



49, 0.764, 136.314



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, 4.258, 136.067



91, 6.721, 136.008



72, 4.041, 150.356



37, 3.692, 135.984



55, 78.874, 133.226



7, 15.191, 138.196

Inverse Universe

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



71, 4.285, 316.311



89, 6.763, 316.368



71, 4.058, 330.698



36, 3.715, 316.391



28, 81.506, 317.957



2, 14.522, 312.927

Previews

White Background



This preview shows how the CIELCh color 72, 4.256, 136.062 looks on a white background.

Color Contrast Check

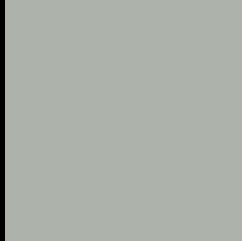
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 4.256, 136.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

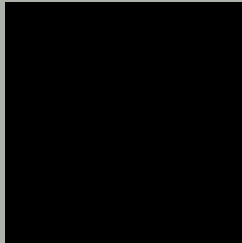
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

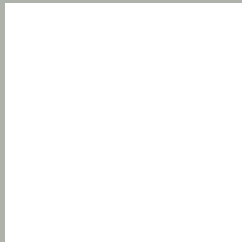
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.256, 136.062

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.256, 136.062.



This preview shows how white text looks on a background with the CIELCh color 72, 4.256, 136.062.

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, 4.256, 136.062

Protanopia

72, 3.754, 79.345

Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 7.647, 293.647

Trichromacy



Original Color
72, 4.256, 136.062

Protanomaly
72, 3.807, 104.065

Deuteranomaly
72, 5.073, 32.041

Tritanomaly
72, 3.288, 284.082

Monochromacy



Original Color
72, 4.256, 136.062

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.795, 134.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.256, 136.062 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(173, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 178, 171)  
}
```

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(173, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 178, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.256, 136.062 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(173, 178, 171) }
```

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

```
.border{ border-color:rgb(173, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 178,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.256, 136.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 178, 171) }
```

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

```
.background{ background-color: rgb(173,  
178, 171) }
```

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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