

Converting Colors

CIELCh(71, 0.764, 256.173)

Have a look what the booklet for
CIELCh(71, 0.764, 256.173) contains.

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Color

CIELCh(71, 0.663, 256.056)

Conversions

Conversions Part 1

Format	Color
Hex	ADAEAF
RGB	173, 174, 175
RGB Percent	68%, 68%, 69%
CMY	0.3220, 0.3181, 0.3142
CMYK	0.01, 0.01, 0.00, 0.31
HSL	210°, 1%, 68%
HSV	210°, 1%, 69%
XYZ	40.0467, 42.1875, 46.5287
YIQ	173.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

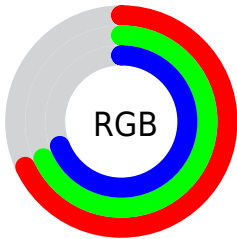
Format	Color
RYB	173, 174, 175
Decimal	11382447
CIELab	71.00, -0.16, -0.64
CIELCh	71, 0.663, 256.056
Yxy	42.1875, 0.3110, 0.3276
Android (android.graphics.Color)	4289572527 (0xFFADAEAF)
YUV	173.8150, 0.5842, -0.7148
Hunter-Lab	64.9519, -3.6099, 2.9936

Details

The CIELCh color $71, 0.663, 256.056$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 0.651, 74.610$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 0.632, 256.169$, and $51, 0.705, 255.971$ is the 20% darker color. If you saturate the color by 10%, you get $67, 6.371, 256.756$, and if you desaturate by 10%, it is $75, 5.084, 74.210$.

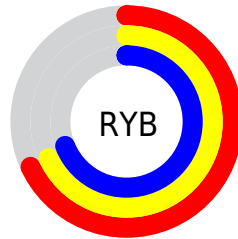
Distribution



Red (68%)

Green (68%)

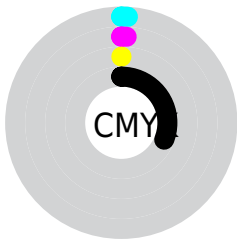
Blue (69%)



Red (68%)

Yellow (68%)

Blue (69%)

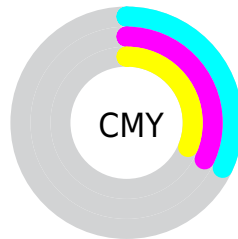


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 0.663, 256.056 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 71, 0.663, 256.056 by changing the saturation by 10% instead.

■ 71, 0.663, 256.056

■ 71, 0.663, 256.056

100, 0.663,
256.056

■ 61, 0.663, 256.056

■ 91, 0.663, 256.056

■ 51, 0.663, 256.056

■ 41, 0.663, 256.056

■ 31, 0.663, 256.056

■ 21, 0.663, 256.056

■ 11, 0.663, 256.056

■ 1, 0.663, 256.056

■ 0, 0.663, 256.056

■ 71, 0.663, 256.056

■ 71, 0.663, 256.056

67, 6.371, 256.756

75, 5.084, 74.210

64, 12.021,
258.282

78, 10.847, 73.288

60, 17.590,
260.114

82, 16.609, 72.473

57, 23.058,
262.296

86, 22.355, 71.760

53, 28.415,
264.888

91, 28.857, 84.833

50, 33.668,
267.938

93, 31.707, 93.300

46, 38.849,
271.474

96, 35.124,
100.163

43, 44.018,
275.475

98, 38.936,
105.667

40, 49.259,
279.840

Harmonies

Complementary

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



71, 0.663, 256.056



71, 0.651, 74.610

Rectangle

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



71, 0.663, 256.056



71, 0.663, 306.056



71, 0.663, 76.056



71, 0.663, 126.056

Sweetspot

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



71, 0.662, 255.896



90, 0.011, 296.813



71, 0.937, 163.060



48, 0.006, 296.813



96, 0.011, 296.813

Same Dimension

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



71, 0.662, 255.896



90, 0.717, 255.943



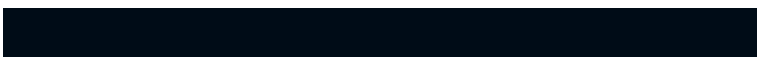
71, 1.082, 289.679



37, 0.326, 255.985



33, 47.810, 283.132



3, 7.373, 264.385

Inverse Universe

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



71, 0.940, 343.273



90, 1.017, 343.215



71, 1.062, 109.341



37, 0.463, 343.167



32, 57.264, 1.111



2, 9.145, 348.723

Previews

White Background



This preview shows how the CIELCh color 71, 0.663, 256.056 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 71, 0.663, 256.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

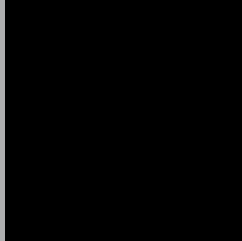
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

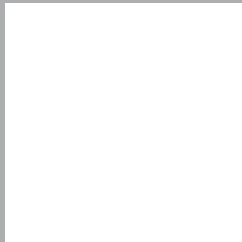
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 0.663, 256.056

Background



This preview shows how black text looks on a background with the CIELCh color 71, 0.663, 256.056.

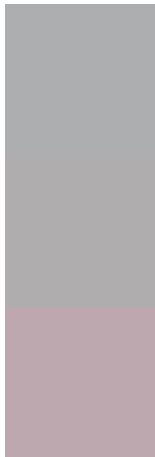


This preview shows how white text looks on a background with the CIELCh color 71, 0.663, 256.056.

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


71, 0.663, 256.056

Protanopia

71, 1.262, 353.509

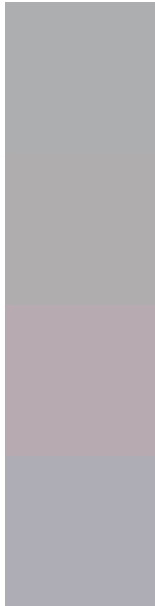
Deuteranopia

71, 9.094, 351.578



Tritanopia
71, 7.750, 299.051

Trichromacy



Original Color

71, 0.663, 256.056

Protanomaly

71, 0.939, 343.352

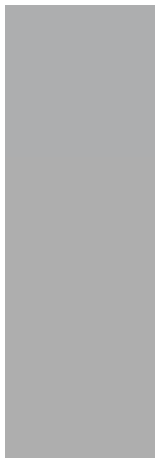
Deuteranomaly

71, 5.919, 346.312

Tritanomaly

71, 4.939, 294.944

Monochromacy



Original Color

71, 0.663, 256.056

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 0.663, 256.056 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 0.663, 256.056 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, 174, 175) }
```

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

```
.border{ border-color:rgb(173, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 0.663, 256.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 174, 175) }
```

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

```
.background{ background-color: rgb(173,  
174, 175) }
```

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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