

Converting Colors

CIELCh(71, 0.831, 157.438)

Have a look what the booklet for
CIELCh(71, 0.831, 157.438) contains.

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Color

CIELCh(71, 0.658, 144.764)

Conversions

Conversions Part 1

Format	Color
Hex	ADAEAD
RGB	173, 174, 173
RGB Percent	68%, 68%, 68%
CMY	0.3215, 0.3175, 0.3215
CMYK	0.01, 0.00, 0.01, 0.32
HSL	120°, 1%, 68%
HSV	120°, 1%, 68%
XYZ	39.9258, 42.1875, 45.5871
YIQ	173.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
RYB	173, 174, 174
Decimal	11382445
CIELab	71.00, -0.54, 0.38
CIElCh	71, 0.658, 144.764
Yxy	42.1875, 0.3127, 0.3304
Android (android.graphics.Color)	4289572525 (0xFFADA EAD)
YUV	173.5870, -0.2894, -0.5148
Hunter-Lab	64.9519, -3.9423, 3.8531

Details

The CIELCh color $71, 0.658, 144.764$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 0.675, 324.131$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 0.623, 144.876$, and $51, 0.705, 144.653$ is the 20% darker color. If you saturate the color by 10%, you get $69, 12.340, 143.844$, and if you desaturate by 10%, it is $73, 10.816, 324.889$.

Distribution



Red (68%)

Green (68%)

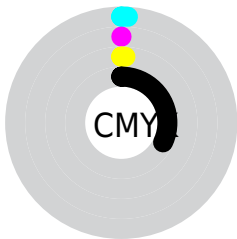
Blue (68%)



Red (68%)

Yellow (68%)

Blue (68%)



Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 0.658, 144.764 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, 0.658, 144.764 by changing the saturation by 10% instead.

■ 71, 0.658, 144.764

■ 71, 0.658, 144.764

■ 100, 0.658,
144.764

■ 61, 0.658, 144.764

■ 91, 0.658, 144.764

■ 51, 0.658, 144.764

■ 41, 0.658, 144.764

■ 31, 0.658, 144.764

■ 21, 0.658, 144.764

■ 11, 0.658, 144.764

■ 1, 0.658, 144.764

■ 0, 0.658, 144.764

■ 71, 0.658, 144.764

■ 71, 0.658, 144.764

69, 12.340,
143.844

73, 10.816,
324.889

68, 24.106,
143.143

75, 22.011,
325.321

66, 35.794,
142.333

77, 32.877,
325.682

65, 47.183,
141.404

79, 43.390,
325.987

64, 57.986,
140.365

81, 50.641,
326.173

63, 67.852,
139.252

63, 76.357,
138.141

62, 83.040,
137.155

62, 87.499,

136.434

Harmonies

Complementary

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



71, 0.658, 144.764



71, 0.675, 324.131

Rectangle

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



71, 0.658, 144.764



71, 0.658, 194.764



71, 0.658, 324.764



71, 0.658, 14.764

Sweetspot

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



71, 0.660, 144.765



90, 0.011, 296.813



71, 0.538, 110.016



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, 0.660, 144.765



90, 1.429, 144.587



71, 0.462, 164.397



37, 0.650, 144.611



54, 80.801, 136.017



6, 13.854, 144.445

Inverse Universe

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



71, 0.675, 324.131



90, 1.448, 324.304



71, 0.474, 342.926



37, 0.659, 324.281



35, 77.957, 328.236



2, 13.856, 324.442

Previews

White Background



This preview shows how the CIELCh color 71, 0.658, 144.764 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, 0.658, 144.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

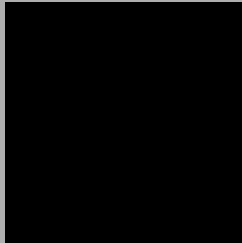
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

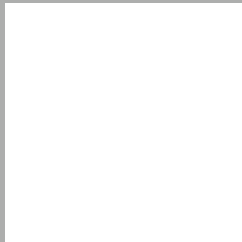
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 0.658, 144.764

Background



This preview shows how black text looks on a background with the CIELCh color 71, 0.658, 144.764.



This preview shows how white text looks on a background with the CIELCh color 71, 0.658, 144.764.

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, 0.658, 144.764

Protanopia

71, 1.599, 39.110

Deuteranopia

71, 9.006, 358.939



Tritanopia
71, 7.750, 299.051

Trichromacy



Original Color

71, 0.658, 144.764

Protanomaly

71, 1.248, 44.935

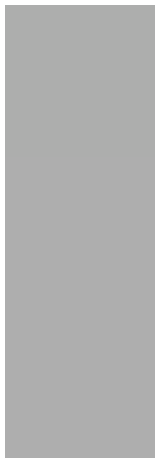
Deuteranomaly

71, 5.752, 357.589

Tritanomaly

71, 4.395, 295.433

Monochromacy



Original Color

71, 0.658, 144.764

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, 0.658, 144.764 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, 173)` looks like.

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

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, 173) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 71, 0.658, 144.764 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, 173) }
```

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

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

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, 173)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 71, 0.658, 144.764 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, 173) }
```

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

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

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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