

Converting Colors

CIELCh(71, 6.477, 177.839)

Have a look what the booklet for
CIELCh(71, 6.477, 177.839) contains.

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Color

CIELCh(71, 6.337, 178.773)

Conversions

Conversions Part 1

Format	Color
Hex	A1B1AD
RGB	161, 177, 173
RGB Percent	63%, 69%, 68%
CMY	0.3676, 0.3048, 0.3205
CMYK	0.09, 0.00, 0.02, 0.30
HSL	165°, 9%, 66%
HSV	165°, 9%, 70%
XYZ	38.0998, 42.1875, 45.8105
YIQ	171.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

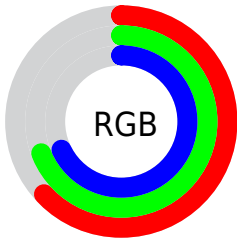
Format	Color
RYB	161, 170, 177
Decimal	10596781
CIELab	71.00, -6.34, 0.14
CIELCh	71, 6.337, 178.773
Yxy	42.1875, 0.3021, 0.3346
Android (android.graphics.Color)	4288786861 (0xFFA1B1AD)
YUV	171.7600, 0.6113, -9.4365
Hunter-Lab	64.9519, -8.9606, 3.6492

Details

The CIELCh color $71, 6.337, 178.773$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.534, 0.285$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.561, 175.779$, and $51, 6.164, 182.273$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.201, 177.775$, and if you desaturate by 10%, it is $72, 0.691, 358.936$.

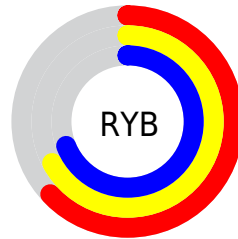
Distribution



Red (63%)

Green (69%)

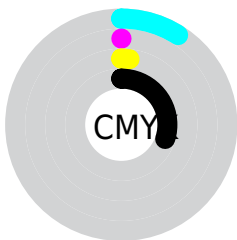
Blue (68%)



Red (63%)

Yellow (67%)

Blue (69%)

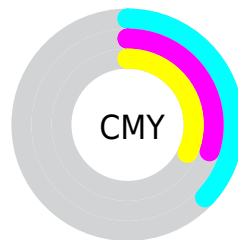


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (30%)



Cyan (37%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.337, 178.773 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, 6.337, 178.773 by changing the saturation by 10% instead.

■ 71, 6.337, 178.773

■ 71, 6.337, 178.773

■ 100, 6.337,
178.773

■ 61, 6.337, 178.773

■ 91, 6.337, 178.773

■ 51, 6.337, 178.773

■ 41, 6.337, 178.773

■ 31, 6.337, 178.773

■ 21, 6.337, 178.773

■ 11, 6.337, 178.773

■ 1, 6.337, 178.773

■ 0, 6.337, 178.773

■ 71, 6.337, 178.773

■ 71, 6.337, 178.773

70, 13.201,
177.775

72, 0.691, 358.936

69, 19.796,
176.746

74, 7.803, 0.385

67, 26.013,
175.645

76, 14.928, 1.227

67, 31.734,
174.448

80, 29.018, 2.772

66, 36.851,
173.134

80, 31.418, 0.039

65, 41.273,
171.679

80, 32.140,
356.066

65, 44.949,
170.060

80, 33.023,
352.298

65, 47.878,
168.260

81, 34.052,
348.757

64, 50.203,

Harmonies

Complementary

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



71, 6.337, 178.773



68, 6.534, 0.285

Rectangle

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



71, 6.337, 178.773



71, 6.337, 228.773



71, 6.337, 358.773



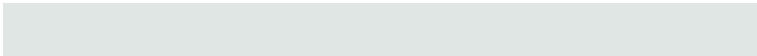
71, 6.337, 48.773

Sweetspot

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



71, 6.338, 178.763



91, 2.608, 179.445



71, 9.830, 136.408



48, 1.975, 179.330



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 6.338, 178.763



89, 9.505, 178.549



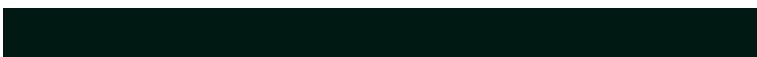
70, 4.894, 223.900



37, 3.997, 178.734



56, 45.068, 166.390



7, 10.295, 172.958

Inverse Universe

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



68, 6.534, 0.285



84, 9.868, 0.517



69, 5.162, 43.006



35, 4.124, 0.317



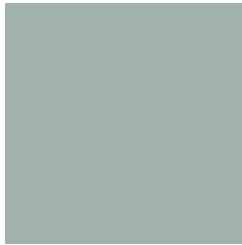
32, 61.126, 24.544



2, 9.544, 3.769

Previews

White Background



This preview shows how the CIELCh color 71, 6.337, 178.773 looks on a white background.

Color Contrast Check

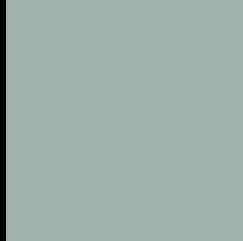
Large Text (above 18pt) WCAG AA × Fail

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 71, 6.337, 178.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

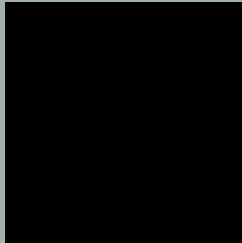
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

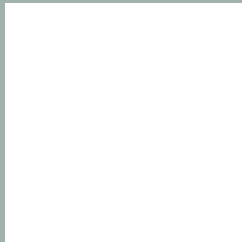
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.337, 178.773

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.337, 178.773.



This preview shows how white text looks on a background with the CIELCh color 71, 6.337, 178.773.

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





Tritanopia
71, 8.510, 263.467

Trichromacy



Original Color
71, 6.337, 178.773

Protanomaly
71, 2.227, 152.326

Deuteranomaly
71, 3.450, 351.254

Tritanomaly
71, 5.993, 238.883

Monochromacy



Original Color
71, 6.337, 178.773

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.505, 173.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.337, 178.773 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(161, 177, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 177, 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(161, 177, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 177, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.337, 178.773 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(161, 177, 173) }
```

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

```
.border{ border-color:rgb(161, 177, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 177, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 177,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.337, 178.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 177, 173) }
```

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

```
.background{ background-color: rgb(161,  
177, 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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