

Converting Colors

CIELCh(71, 7.626, 125.941)

Have a look what the booklet for
CIELCh(71, 7.626, 125.941) contains.

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Color

CIELCh(71, 7.969, 126.176)

Conversions

Conversions Part 1

Format	Color
Hex	AAB0A2
RGB	170, 176, 162
RGB Percent	67%, 69%, 64%
CMY	0.3335, 0.3099, 0.3648
CMYK	0.03, 0.00, 0.08, 0.31
HSL	86°, 8%, 66%
HSV	86°, 8%, 69%
XYZ	38.6079, 42.1875, 40.2752
YIQ	172.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

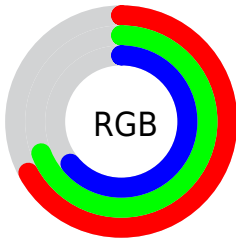
Format	Color
RYB	162, 176, 168
Decimal	11186338
CIELab	71.00, -4.70, 6.43
CIELCh	71, 7.969, 126.176
Yxy	42.1875, 0.3189, 0.3485
Android (android.graphics.Color)	4289376418 (0xFFAAB0A2)
YUV	172.6100, -5.2307, -2.2890
Hunter-Lab	64.9519, -7.5641, 8.7020

Details

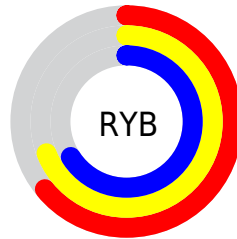
The CIELCh color $71, 7.969, 126.176$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.080, 306.908$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.170, 127.618$, and $51, 8.499, 126.029$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.999, 125.689$, and if you desaturate by 10%, it is $72, 2.053, 306.591$.

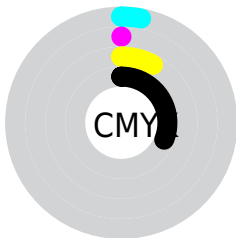
Distribution



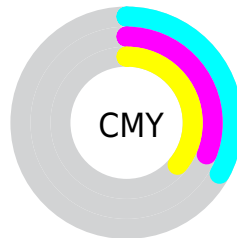
- Red (67%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.969, 126.176 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, 7.969, 126.176 by changing the saturation by 10% instead.

■ 71, 7.969, 126.176

■ 71, 7.969, 126.176

■ 100, 7.969,
126.176

■ 61, 7.969, 126.176

■ 91, 7.969, 126.176

■ 51, 7.969, 126.176

■ 41, 7.969, 126.176

■ 31, 7.969, 126.176

■ 21, 7.969, 126.176

■ 11, 7.969, 126.176

■ 1, 7.969, 126.176

■ 0, 7.969, 126.176

■ 71, 7.969, 126.176

■ 71, 7.969, 126.176

70, 17.999,
125.689

72, 2.053, 306.591

69, 27.962,
125.188

73, 12.023,
307.056

68, 37.758,
124.696

74, 21.903,
307.456

68, 47.242,
124.245

76, 31.667,
307.821

67, 56.201,
123.889

77, 41.298,
308.151

66, 64.332,
123.706

78, 44.456,
310.494

66, 71.238,
123.803

78, 45.154,
313.619

65, 76.499,
124.300

79, 45.973,
316.685

65, 79.995,

80, 46.910,
319.677

Harmonies

Complementary

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



71, 7.969, 126.176



67, 8.080, 306.908

Rectangle

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



71, 7.969, 126.176



71, 7.969, 176.176



71, 7.969, 306.176



71, 7.969, 356.176

Sweetspot

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



71, 7.971, 126.181



91, 2.476, 126.490



69, 4.469, 64.979



48, 1.406, 126.497



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, 7.971, 126.181



90, 12.436, 126.073



70, 9.102, 141.796



37, 5.741, 126.114



57, 72.627, 125.247



7, 14.265, 130.463

Inverse Universe

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



67, 8.080, 306.908



84, 12.642, 307.022



68, 9.130, 322.545



35, 5.829, 306.978



22, 86.374, 310.560



1, 13.699, 302.987

Previews

White Background



This preview shows how the CIELCh color 71, 7.969, 126.176 looks on a white background.

Color Contrast Check

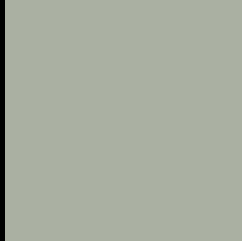
Large Text (above 18pt) WCAG AA × Fail

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, 7.969, 126.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

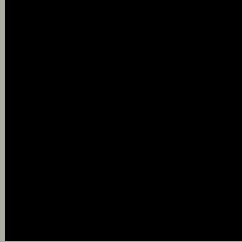
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

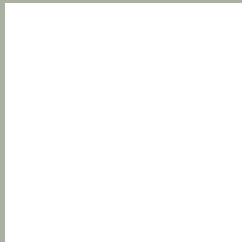
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.969, 126.176

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.969, 126.176.



This preview shows how white text looks on a background with the CIELCh color 71, 7.969, 126.176.

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, 7.969, 126.176

Protanopia

71, 7.564, 88.364

Deuteranopia

71, 10.392, 32.242



Tritanopia
71, 7.702, 296.364

Trichromacy



Original Color
71, 7.969, 126.176

Protanomaly
71, 7.104, 103.217

Deuteranomaly
71, 6.958, 58.332

Tritanomaly
71, 2.191, 290.421

Monochromacy



Original Color
71, 7.969, 126.176

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.829, 125.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.969, 126.176 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(170, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 176, 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(170, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 176, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.969, 126.176 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(170, 176, 162) }
```

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

```
.border{ border-color:rgb(170, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 176,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.969, 126.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 176, 162) }
```

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

```
.background{ background-color: rgb(170,  
176, 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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