

Converting Colors

CIELCh(71, 4.252, 279.940)

Have a look what the booklet for
CIELCh(71, 4.252, 279.940) contains.

CIELCh(71, 3.963, 274.428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 3.963, 274.428)

Conversions

Conversions Part 1

Format	Color
Hex	ABAEB5
RGB	171, 174, 181
RGB Percent	67%, 68%, 71%
CMY	0.3300, 0.3182, 0.2908
CMYK	0.06, 0.04, 0.00, 0.29
HSL	222°, 6%, 69%
HSV	222°, 6%, 71%
XYZ	40.1962, 42.1875, 49.6614
YIQ	173.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

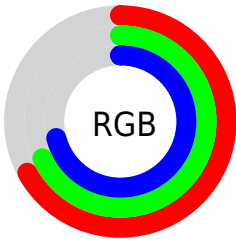
Format	Color
RYB	171, 173, 181
Decimal	11251381
CIELab	71.00, 0.31, -3.95
CIELCh	71, 3.963, 274.428
Yxy	42.1875, 0.3044, 0.3195
Android (android.graphics.Color)	4289441461 (0xFFABAEB5)
YUV	173.9010, 3.4998, -2.5442
Hunter-Lab	64.9519, -3.1992, 0.1339

Details

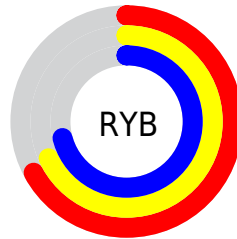
The CIELCh color $71, 3.963, 274.428$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.944, 92.966$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.268, 276.292$, and $51, 3.668, 272.035$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.222, 275.758$, and if you desaturate by 10%, it is $76, 3.159, 93.100$.

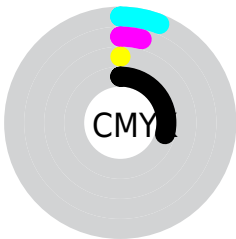
Distribution



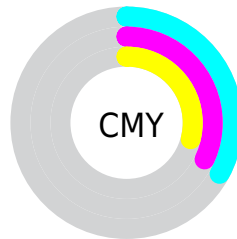
- Red (67%)
- Green (68%)
- Blue (71%)



- Red (67%)
- Yellow (68%)
- Blue (71%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (32%)
- Yellow (29%)
- Black (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.963, 274.428 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, 3.963, 274.428 by changing the saturation by 10% instead.

■ 71, 3.963, 274.428

■ 71, 3.963, 274.428

■ 100, 3.963,
274.428

■ 61, 3.963, 274.428

■ 91, 3.963, 274.428

■ 51, 3.963, 274.428

■ 41, 3.963, 274.428

■ 31, 3.963, 274.428

■ 21, 3.963, 274.428

■ 11, 3.963, 274.428

■ 1, 3.963, 274.428

■ 0, 3.963, 274.428

■ 71, 3.963, 274.428

■ 71, 3.963, 274.428

66, 11.222,
275.758

76, 3.159, 93.100

61, 18.627,
277.362

80, 10.143, 92.111

57, 26.187,
279.241

85, 16.992, 91.218

52, 33.920,
281.431

90, 23.708, 90.430

47, 41.850,
283.966

94, 29.585, 94.275

43, 50.008,
286.853

97, 34.834,
104.167

39, 58.407,
290.056

98, 37.226,
107.339

35, 67.000,
293.467

31, 75.600,

296.892

Harmonies

Complementary

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



71, 3.963, 274.428



73, 3.944, 92.966

Rectangle

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



71, 3.963, 274.428



71, 3.963, 324.428



71, 3.963, 94.428



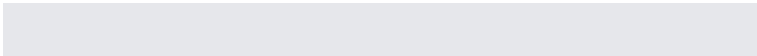
71, 3.963, 144.428

Sweetspot

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



71, 3.962, 274.407



92, 1.771, 274.059



73, 4.103, 174.425



49, 1.006, 274.053



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 3.962, 274.407



89, 6.204, 274.602



70, 5.528, 297.740



36, 3.217, 274.644



24, 69.222, 297.830



2, 10.418, 278.423

Inverse Universe

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



71, 4.134, 356.341



89, 6.487, 356.517



73, 5.451, 116.973



36, 3.364, 356.553



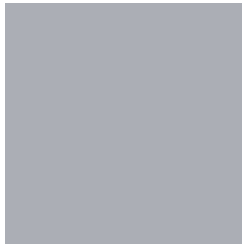
32, 59.598, 20.168



2, 9.702, 0.847

Previews

White Background



This preview shows how the CIELCh color 71, 3.963, 274.428 looks on a white background.

Color Contrast Check

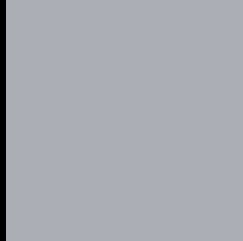
Large Text (above 18pt) WCAG AA × Fail

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, 3.963, 274.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

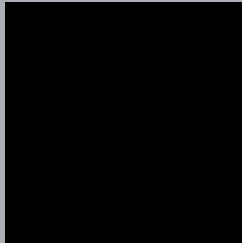
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 3.963, 274.428

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.963, 274.428.



This preview shows how white text looks on a background with the CIELCh color 71, 3.963, 274.428.

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, 3.963, 274.428

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 10.472, 333.472



Tritanopia
71, 7.652, 288.223

Trichromacy



Original Color
71, 3.963, 274.428

Protanomaly
71, 3.829, 290.571

Deuteranomaly
71, 7.768, 322.474

Tritanomaly
71, 6.562, 287.651

Monochromacy



Original Color
71, 3.963, 274.428

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.155, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.963, 274.428 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(171, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 181)  
}
```

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(171, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.963, 274.428 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(171, 174, 181) }
```

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

```
.border{ border-color:rgb(171, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.963, 274.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 181) }
```

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

```
.background{ background-color: rgb(171,  
174, 181) }
```

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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