

Converting Colors

CIELCh(71, 9.776, 305.953)

Have a look what the booklet for
CIELCh(71, 9.776, 305.953) contains.

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Color

CIELCh(71, 9.676, 306.364)

Conversions

Conversions Part 1

Format	Color
Hex	B2ABBC
RGB	178, 171, 188
RGB Percent	70%, 67%, 74%
CMY	0.3022, 0.3296, 0.2630
CMYK	0.05, 0.09, 0.00, 0.26
HSL	265°, 11%, 70%
HSV	265°, 9%, 74%
XYZ	41.9666, 42.1875, 53.4716
YIQ	175.0310, -1.2850, 6.7710

Conversions

Conversions Part 2

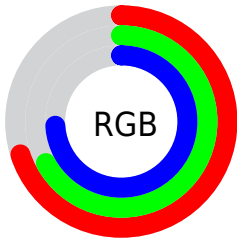
Format	Color
R _Y B	178, 171, 188
Decimal	11709372
CIE Lab	71.00, 5.74, -7.79
CIE LCh	71, 9.676, 306.364
Yxy	42.1875, 0.3049, 0.3065
Android (android.graphics.Color)	4289899452 (0xFFB2ABBC)
YUV	175.0310, 6.3937, 2.6038
Hunter-Lab	64.9519, 1.6662, -3.3441

Details

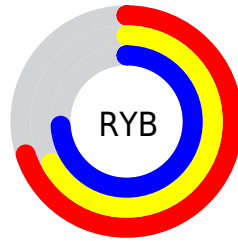
The CIELCh color $71, 9.676, 306.364$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 9.526, 125.501$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 9.792, 307.443$, and $51, 9.657, 305.190$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.689, 306.912$, and if you desaturate by 10%, it is $77, 0.997, 125.965$.

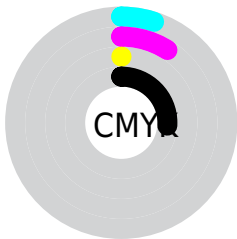
Distribution



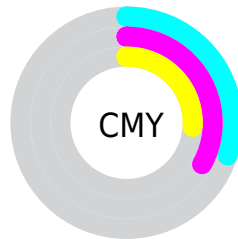
- Red (70%)
- Green (67%)
- Blue (74%)



- Red (70%)
- Yellow (67%)
- Blue (74%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.676, 306.364 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, 9.676, 306.364 by changing the saturation by 10% instead.

■ 71, 9.676, 306.364

■ 71, 9.676, 306.364

■ 100, 9.676,
306.364

■ 61, 9.676, 306.364

■ 91, 9.676, 306.364

■ 51, 9.676, 306.364

■ 41, 9.676, 306.364

■ 31, 9.676, 306.364

■ 21, 9.676, 306.364

■ 11, 9.676, 306.364

■ 1, 9.676, 306.364

■ 0, 9.676, 306.364

■ 71, 9.676, 306.364

■ 71, 9.676, 306.364

65, 20.689,
306.912

77, 0.997, 125.965

59, 32.024,
307.513

83, 11.322,
125.456

54, 43.618,
308.159

88, 21.309,
125.073

48, 55.339,
308.826

94, 30.973,
124.742

43, 66.940,
309.473

97, 34.818,
121.244

38, 77.988,
310.031

98, 34.012,
114.489

34, 87.804,
310.395

99, 33.732,
107.609

30, 95.499,
310.431

28, 100.626,

Harmonies

Complementary

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



71, 9.676, 306.364



75, 9.526, 125.501

Rectangle

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



71, 9.676, 306.364



71, 9.676, 356.364



71, 9.676, 126.364



71, 9.676, 176.364

Sweetspot

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



71, 9.674, 306.361



94, 3.947, 306.044



73, 5.163, 244.969



50, 2.993, 306.088



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 9.674, 306.361



89, 14.634, 306.474



72, 10.901, 322.128



37, 6.085, 306.377



22, 88.816, 310.207



2, 17.855, 302.113

Inverse Universe

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



72, 8.414, 339.824



90, 12.711, 340.001



75, 10.864, 141.273



37, 5.292, 339.850



34, 60.957, 353.487



3, 14.744, 346.368

Previews

White Background



This preview shows how the CIELCh color 71, 9.676, 306.364 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, 9.676, 306.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

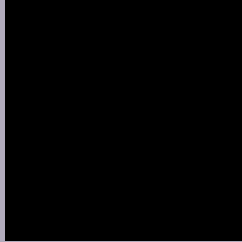
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

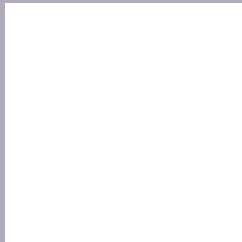
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.676, 306.364

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.676, 306.364.



This preview shows how white text looks on a background with the CIELCh color 71, 9.676, 306.364.

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, 9.676, 306.364

Protanopia

71, 8.742, 288.678

Deuteranopia

71, 11.813, 318.918



Tritanopia
71, 7.999, 306.884

Trichromacy



Original Color
71, 9.676, 306.364

Protanomaly
71, 9.334, 295.539

Deuteranomaly
71, 10.828, 315.048

Tritanomaly
71, 8.525, 305.893

Monochromacy



Original Color
71, 9.676, 306.364

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.372, 303.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.676, 306.364 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(178, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 188)  
}
```

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(178, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.676, 306.364 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(178, 171, 188) }
```

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

```
.border{ border-color:rgb(178, 171, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 171, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 171, 188); box-shadow:4px 4px 4px 4px rgb(178, 171, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.676, 306.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 188) }
```

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

```
.background{ background-color: rgb(178,  
171, 188) }
```

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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