

Converting Colors

CIELCh(70, 11.924, 280.182)

Have a look what the booklet for
CIELCh(70, 11.924, 280.182)
contains.

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Color

CIELCh(70, 11.710, 279.115)

Conversions

Conversions Part 1

Format	Color
Hex	A4ABC0
RGB	164, 171, 192
RGB Percent	64%, 67%, 75%
CMY	0.3574, 0.3300, 0.2476
CMYK	0.15, 0.11, 0.00, 0.25
HSL	225°, 18%, 70%
HSV	225°, 15%, 75%
XYZ	39.3155, 40.7494, 55.5789
YIQ	171.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

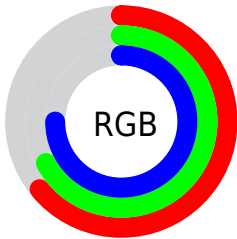
Format	Color
RYB	164, 170, 192
Decimal	10791872
CIELab	70.00, 1.86, -11.56
CIELCh	70, 11.710, 279.115
Yxy	40.7494, 0.2898, 0.3004
Android (android.graphics.Color)	4288981952 (0xFFA4ABC0)
YUV	171.3010, 10.2046, -6.4030
Hunter-Lab	63.8353, -1.7754, -6.9368

Details

The CIELCh color `70, 11.710, 279.115` is a light color, and the websafe version is hex `999999`. A complement of this color would be `75, 11.592, 95.489`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 11.635, 279.302`, and `50, 11.917, 279.145` is the 20% darker color. If you saturate the color by 10%, you get `65, 19.976, 280.649`, and if you desaturate by 10%, it is `75, 3.646, 277.818`.

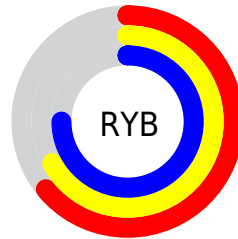
Distribution



Red (64%)

Green (67%)

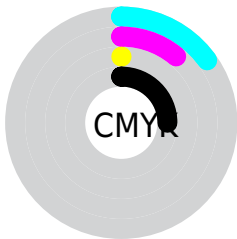
Blue (75%)



Red (64%)

Yellow (67%)

Blue (75%)

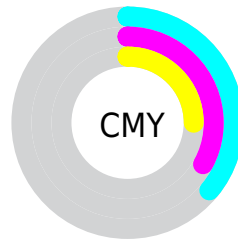


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (36%)


Magenta (33%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.710, 279.115 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 70, 11.710, 279.115 by changing the saturation by 10% instead.


 70, 11.710,
279.115


 70, 11.710,
279.115


 100, 11.710,
279.115


 60, 11.710,
279.115


 90, 11.710,
279.115

 50, 11.710,
279.115

 40, 11.710,
279.115

 30, 11.710,
279.115

 20, 11.710,
279.115

 10, 11.710,
279.115

 0, 11.710, 279.115

70, 11.710,
279.115

70, 11.710,
279.115

65, 19.976,
280.649

75, 3.646, 277.818

59, 28.466,
282.451

80, 4.223, 96.584

54, 37.202,
284.552

86, 11.907, 95.623

49, 46.211,
286.981

91, 19.413, 94.767

44, 55.517,
289.740

96, 26.346, 97.918

39, 65.101,
292.785

99, 31.788,
107.759

35, 74.838,
295.991

31, 84.375,

299.151

■ 29, 89.264,
300.682

Harmonies

Complementary

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



70, 11.710, 279.115



75, 11.592, 95.489

Rectangle

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



70, 11.710, 279.115



70, 11.710, 329.115



70, 11.710, 99.115



70, 11.710, 149.115

Sweetspot

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



70, 11.709, 279.110



96, 3.935, 277.760



75, 10.961, 177.003



51, 2.797, 277.844



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 11.709, 279.110



87, 17.981, 279.650



69, 15.636, 300.279



38, 4.559, 278.402



24, 77.273, 300.277



3, 16.121, 283.277

Inverse Universe

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



70, 11.406, 0.903



86, 17.580, 1.327



76, 15.176, 118.346



38, 4.415, 0.332



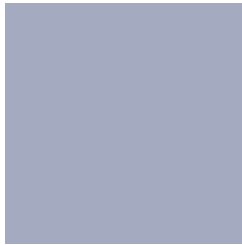
33, 63.465, 24.801



3, 14.437, 6.015

Previews

White Background



This preview shows how the CIELCh color 70, 11.710, 279.115 looks on a white background.

Color Contrast Check

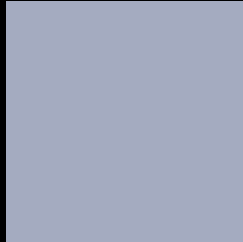
Large Text (above 18pt) WCAG AA × Fail

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 70, 11.710, 279.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

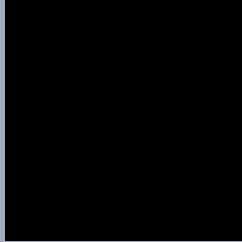
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

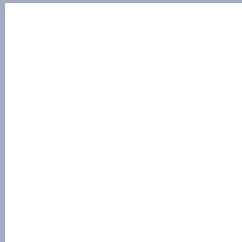
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.710, 279.115

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.710, 279.115.



This preview shows how white text looks on a background with the CIELCh color 70, 11.710, 279.115.

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

70, 11.710, 279.115

Protanopia

70, 11.516, 287.773

Deuteranopia

70, 15.400, 306.479



Tritanopia
70, 8.251, 267.909

Trichromacy



Original Color
70, 11.710, 279.115

Protanomaly
70, 11.568, 284.264

Deuteranomaly
70, 13.816, 297.462

Tritanomaly
70, 9.260, 270.755

Monochromacy



Original Color
70, 11.710, 279.115

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.503, 276.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.710, 279.115 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(164, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 192)  
}
```

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(164, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.710, 279.115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

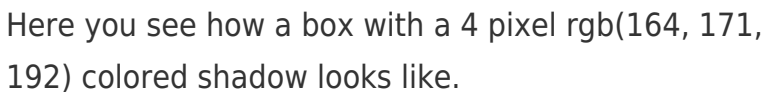
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 171, 192) }
```

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

```
.border{ border-color:rgb(164, 171, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.710, 279.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 192) }
```

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

```
.background{ background-color: rgb(164,  
171, 192) }
```

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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