

Converting Colors

CIELCh(70, 14.878, 276.726)

Have a look what the booklet for
CIELCh(70, 14.878, 276.726)
contains.

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Color

CIELCh(70, 15.174, 277.113)

Conversions

Conversions Part 1

Format	Color
Hex	A0ABC6
RGB	160, 171, 198
RGB Percent	63%, 67%, 78%
CMY	0.3720, 0.3289, 0.2230
CMYK	0.19, 0.14, 0.00, 0.22
HSL	223°, 25%, 70%
HSV	223°, 19%, 78%
XYZ	39.3230, 40.7494, 59.3052
YIQ	170.7890, -15.2230, 6.0650

Conversions

Conversions Part 2

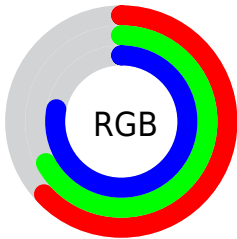
Format	Color
R _Y B	160, 169, 198
Decimal	10529734
CIE Lab	70.00, 1.88, -15.06
CIE LCh	70, 15.174, 277.113
Yxy	40.7494, 0.2821, 0.2924
Android (android.graphics.Color)	4288719814 (0xFFA0ABC6)
YUV	170.7890, 13.4150, -9.4620
Hunter-Lab	63.8353, -1.7543, -10.3978

Details

The CIELCh color **70, 15.174, 277.113** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 15.092, 92.109**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.434, 277.630**, and **50, 15.036, 276.809** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.327, 278.813**, and if you desaturate by 10%, it is **75, 7.191, 275.661**.

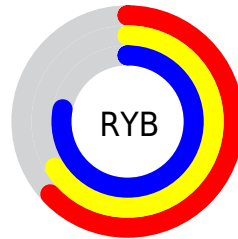
Distribution



Red (63%)

Green (67%)

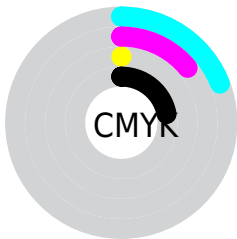
Blue (78%)



Red (63%)

Yellow (66%)

Blue (78%)

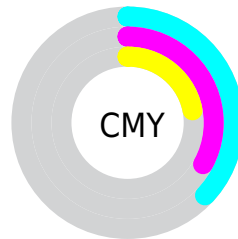


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (37%)


Magenta (33%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.174, 277.113 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, 15.174, 277.113 by changing the saturation by 10% instead.


 70, 15.174,
277.113


 70, 15.174,
277.113


 100, 15.174,
277.113


 60, 15.174,
277.113


 90, 15.174,
277.113

 50, 15.174,
277.113

 40, 15.174,
277.113

 30, 15.174,
277.113

 20, 15.174,
277.113

 10, 15.174,
277.113

 0, 15.174, 277.113

70, 15.174,
277.113

70, 15.174,
277.113

65, 23.327,
278.813

75, 7.191, 275.661

60, 31.670,
280.806

80, 0.626, 94.038

55, 40.225,
283.127

86, 8.284, 93.261

50, 49.023,
285.798

95, 22.712, 95.405

45, 58.089,
288.812

99, 28.660,
108.000

40, 67.410,
292.101

36, 76.860,
295.517

32, 86.122,

298.783

■ 32, 86.862,
299.024

Harmonies

Complementary

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



70, 15.174, 277.113



76, 15.092, 92.109

Rectangle

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



70, 15.174, 277.113



70, 15.174, 327.113



70, 15.174, 97.113



70, 15.174, 147.113

Sweetspot

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



70, 15.173, 277.109



96, 5.754, 275.267



77, 15.015, 174.174



51, 3.818, 275.349



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 15.173, 277.109



85, 22.426, 277.786



68, 21.217, 299.456



39, 4.457, 275.688



26, 74.143, 298.547



3, 17.285, 282.798

Inverse Universe

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



70, 15.793, 358.612



85, 23.419, 359.119



78, 20.368, 116.691



39, 4.593, 357.519



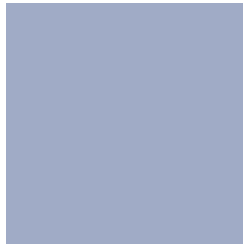
34, 62.914, 21.466



4, 16.477, 4.753

Previews

White Background



This preview shows how the CIELCh color 70, 15.174, 277.113 looks on a white background.

Color Contrast Check

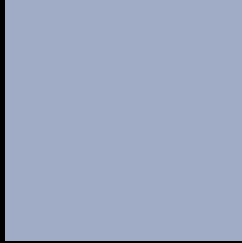
Large Text (above 18pt) WCAG AA × Fail

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, 15.174, 277.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

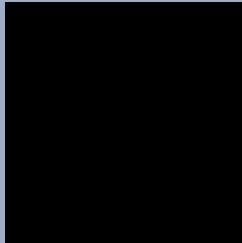
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.174, 277.113

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.174, 277.113.



This preview shows how white text looks on a background with the CIELCh color 70, 15.174, 277.113.

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

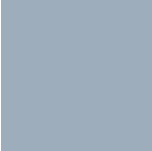
70, 15.174, 277.113

Protanopia

70, 14.828, 286.224

Deuteranopia

70, 17.776, 299.870



Tritanopia
70, 9.221, 255.642

Trichromacy



Original Color
70, 15.174, 277.113

Protanomaly
70, 14.895, 283.564

Deuteranomaly
70, 16.445, 291.802

Tritanomaly
70, 11.258, 267.226

Monochromacy



Original Color
70, 15.174, 277.113

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.645, 275.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.174, 277.113 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(160, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 198)  
}
```

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(160, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.174, 277.113 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(160, 171, 198) }
```

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

```
.border{ border-color:rgb(160, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.174, 277.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 198) }
```

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

```
.background{ background-color: rgb(160,  
171, 198) }
```

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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