

Converting Colors

CIELCh(70, 8.889, 267.284)

Have a look what the booklet for
CIELCh(70, 8.889, 267.284) contains.

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Color

CIELCh(70, 8.880, 267.274)

Conversions

Conversions Part 1

Format	Color
Hex	A2ACBB
RGB	162, 172, 187
RGB Percent	64%, 67%, 73%
CMY	0.3649, 0.3257, 0.2669
CMYK	0.13, 0.08, 0.00, 0.27
HSL	216°, 16%, 68%
HSV	216°, 13%, 73%
XYZ	38.5989, 40.7494, 52.8176
YIQ	170.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

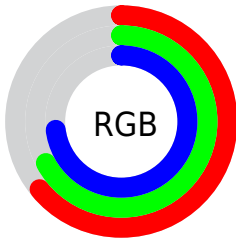
Format	Color
R_{YB}	162, 169, 187
Decimal	10661051
CIE Lab	70.00, -0.42, -8.87
CIE LCh	70, 8.880, 267.274
Yxy	40.7494, 0.2920, 0.3083
Android (android.graphics.Color)	4288851131 (0xFFA2ACBB)
YUV	170.7200, 8.0260, -7.6474
Hunter-Lab	63.8353, -3.7793, -4.3721

Details

The CIELCh color `70, 8.880, 267.274` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 8.996, 83.694`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 8.928, 268.290`, and `50, 8.914, 266.361` is the 20% darker color. If you saturate the color by 10%, you get `66, 15.564, 268.890`, and if you desaturate by 10%, it is `74, 2.236, 265.957`.

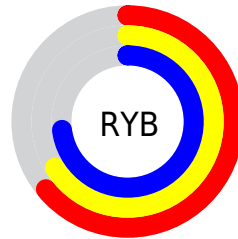
Distribution



Red (64%)

Green (67%)

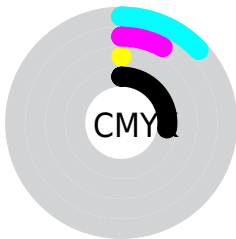
Blue (73%)



Red (64%)

Yellow (66%)

Blue (73%)

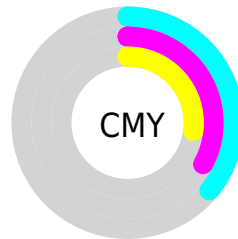


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.880, 267.274 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, 8.880, 267.274 by changing the saturation by 10% instead.

■ 70, 8.880, 267.274

■ 70, 8.880, 267.274

■ 100, 8.880,
267.274

■ 60, 8.880, 267.274

■ 90, 8.880, 267.274

■ 50, 8.880, 267.274

■ 40, 8.880, 267.274

■ 30, 8.880, 267.274

■ 20, 8.880, 267.274

■ 10, 8.880, 267.274

■ 0, 8.880, 267.274

■ 70, 8.880, 267.274

■ 70, 8.880, 267.274

■ 66, 15.564,

■ 74, 2.236, 265.957

268.890

79, 4.356, 84.566

61, 22.286,
270.806

83, 10.888, 83.563

57, 29.046,
273.058

88, 17.353, 82.666

53, 35.855,
275.688

92, 23.665, 82.239

49, 42.742,
278.727

97, 32.114,
104.594

45, 49.750,
282.168

99, 34.218,
107.572

41, 56.926,
285.946

37, 64.286,
289.912

35, 69.256,
292.445

Harmonies

Complementary

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



70, 8.880, 267.274



73, 8.996, 83.694

Rectangle

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



70, 8.880, 267.274



70, 8.880, 317.274



70, 8.880, 87.274



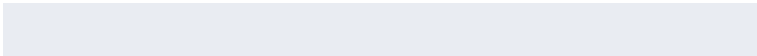
70, 8.880, 137.274

Sweetspot

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



70, 8.879, 267.265



93, 3.274, 266.026



74, 10.848, 167.245



50, 2.345, 266.110



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 8.879, 267.265



87, 13.125, 267.707



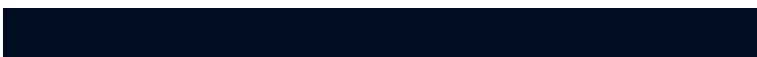
68, 13.845, 294.668



38, 3.788, 266.691



30, 60.356, 291.909



3, 12.714, 275.348

Inverse Universe

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



69, 11.007, 350.602



85, 16.324, 350.902



75, 13.435, 112.347



37, 4.672, 350.196



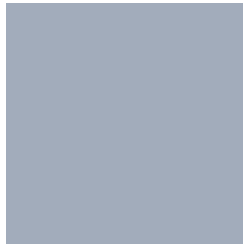
33, 59.262, 10.975



3, 13.293, 357.335

Previews

White Background



This preview shows how the CIELCh color 70, 8.880, 267.274 looks on a white background.

Color Contrast Check

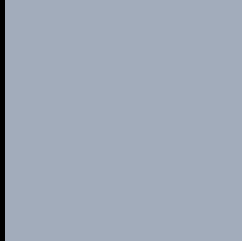
Large Text (above 18pt) WCAG AA × Fail

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 70, 8.880, 267.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

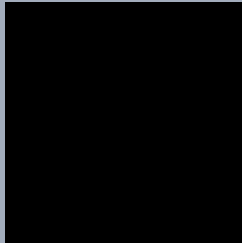
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 8.880, 267.274

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.880, 267.274.

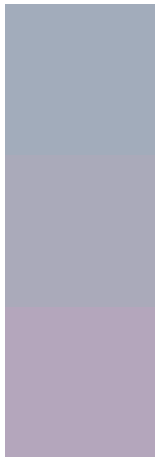


This preview shows how white text looks on a background with the CIELCh color 70, 8.880, 267.274.

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

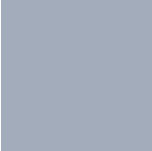
70, 8.880, 267.274

Protanopia

70, 8.769, 291.055

Deuteranopia

70, 13.168, 314.158



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 8.880, 267.274

Protanomaly
70, 8.314, 281.008

Deuteranomaly
70, 11.152, 300.598

Tritanomaly
70, 8.387, 265.663

Monochromacy



Original Color
70, 8.880, 267.274

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.454, 271.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.880, 267.274 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(162, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 172, 187)  
}
```

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(162, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 172, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.880, 267.274 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(162, 172, 187) }
```

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

```
.border{ border-color:rgb(162, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(162, 172,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.880, 267.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 172, 187) }
```

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

```
.background{ background-color: rgb(162,  
172, 187) }
```

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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