

Converting Colors

CIELCh(68, 7.277, 279.351)

Have a look what the booklet for
CIELCh(68, 7.277, 279.351) contains.

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Color

CIELCh(68, 7.279, 279.373)

Conversions

Conversions Part 1

Format	Color
Hex	A2A6B3
RGB	162, 166, 179
RGB Percent	64%, 65%, 70%
CMY	0.3665, 0.3508, 0.2999
CMYK	0.10, 0.07, 0.00, 0.30
HSL	226°, 10%, 67%
HSV	226°, 10%, 70%
XYZ	36.4469, 37.9720, 47.8059
YIQ	166.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

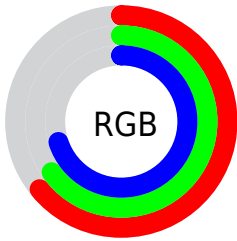
Format	Color
R_{YB}	162, 165, 179
Decimal	10659507
CIE Lab	68.00, 1.19, -7.18
CIE LCh	68, 7.279, 279.373
Yxy	37.9720, 0.2982, 0.3107
Android (android.graphics.Color)	4288849587 (0xFFA2A6B3)
YUV	166.2860, 6.2680, -3.7588
Hunter-Lab	61.6215, -2.2610, -2.8621

Details

The CIELCh color $68, 7.279, 279.373$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.214, 97.072$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.418, 279.984$, and $48, 7.209, 278.792$ is the 20% darker color. If you saturate the color by 10%, you get $63, 15.111, 280.758$, and if you desaturate by 10%, it is $73, 0.356, 97.674$.

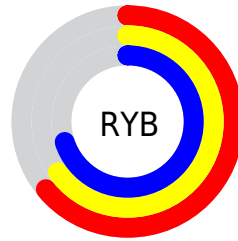
Distribution



Red (64%)

Green (65%)

Blue (70%)



Red (64%)

Yellow (65%)

Blue (70%)

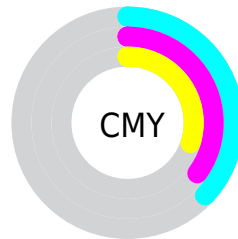


Cyan (10%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.279, 279.373 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 68, 7.279, 279.373 by changing the saturation by 10% instead.

■ 68, 7.279, 279.373

■ 68, 7.279, 279.373

■ 100, 7.279,
279.373

■ 58, 7.279, 279.373

■ 88, 7.279, 279.373

■ 48, 7.279, 279.373

■ 98, 7.279, 279.373

■ 38, 7.279, 279.373

■ 28, 7.279, 279.373

■ 18, 7.279, 279.373

■ 8, 7.279, 279.373

■ 0, 7.279, 279.373

■ 68, 7.279, 279.373

■ 68, 7.279, 279.373

■ 63, 15.111,

■ 73, 0.356, 97.674

280.758

78, 7.800, 97.068

58, 23.159,
282.394

83, 15.064, 96.171

53, 31.442,
284.305

88, 22.154, 95.382

48, 39.984,
286.523

93, 29.076, 94.687

43, 48.812,
289.065

97, 34.944,
102.638

38, 57.927,
291.913

98, 38.369,
107.251

34, 67.257,
294.984

30, 76.564,
298.111

27, 85.362,
300.987

Harmonies

Complementary

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



68, 7.279, 279.373



71, 7.214, 97.072

Rectangle

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



68, 7.279, 279.373



68, 7.279, 329.373



68, 7.279, 99.373



68, 7.279, 149.373

Sweetspot

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



68, 7.278, 279.364



90, 2.823, 278.610



71, 6.715, 178.725



48, 2.158, 278.691



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 7.278, 279.364



85, 10.431, 279.581



67, 9.546, 300.517



35, 4.329, 279.339



22, 75.667, 300.747



2, 10.999, 281.474

Inverse Universe

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



68, 6.892, 1.412



85, 9.897, 1.592



72, 9.360, 119.331



35, 4.099, 1.391



32, 61.642, 25.763



2, 9.502, 4.642

Previews

White Background



This preview shows how the CIELCh color 68, 7.279, 279.373 looks on a white background.

Color Contrast Check

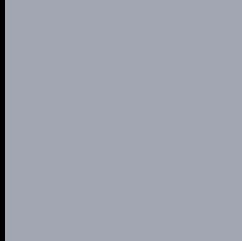
Large Text (above 18pt) WCAG AA × Fail

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 68, 7.279, 279.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

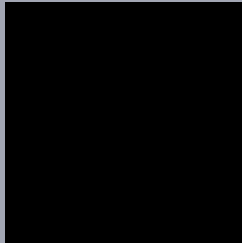
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 7.279, 279.373

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.279, 279.373.

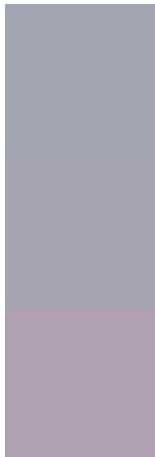


This preview shows how white text looks on a background with the CIELCh color 68, 7.279, 279.373.

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

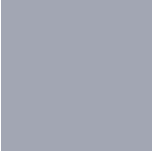
68, 7.279, 279.373

Protanopia

68, 7.166, 290.915

Deuteranopia

68, 11.256, 318.557



Tritanopia
68, 7.279, 279.373

Trichromacy



Original Color
68, 7.279, 279.373

Protanomaly
68, 7.169, 287.990

Deuteranomaly
68, 9.231, 307.269

Tritanomaly
68, 7.279, 279.373

Monochromacy



Original Color
68, 7.279, 279.373

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.845, 275.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.279, 279.373 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, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 179)  
}
```

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, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.279, 279.373 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, 166, 179) }
```

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

```
.border{ border-color:rgb(162, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.279, 279.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 179) }
```

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

```
.background{ background-color: rgb(162,  
166, 179) }
```

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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