

Converting Colors

CIELCh(68, 10.481, 287.308)

Have a look what the booklet for
CIELCh(68, 10.481, 287.308)
contains.

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Color

CIELCh(68, 10.481, 287.308)

Conversions

Conversions Part 1

Format	Color
Hex	A3A5B8
RGB	163, 165, 184
RGB Percent	64%, 65%, 72%
CMY	0.3622, 0.3544, 0.2799
CMYK	0.11, 0.10, 0.00, 0.28
HSL	234°, 13%, 68%
HSV	234°, 11%, 72%
XYZ	37.0318, 37.9720, 50.5207
YIQ	166.5680, -7.2910, 5.4850

Conversions

Conversions Part 2

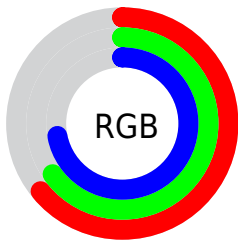
Format	Color
R _Y B	163, 165, 184
Decimal	10724792
CIE Lab	68.00, 3.12, -10.01
CIE LCh	68, 10.481, 287.308
Yxy	37.9720, 0.2950, 0.3025
Android (android.graphics.Color)	4288914872 (0xFFA3A5B8)
YUV	166.5680, 8.5940, -3.1291
Hunter-Lab	61.6215, -0.5668, -5.4742

Details

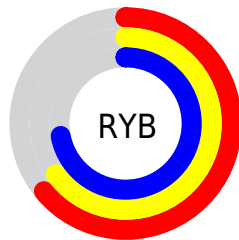
The CIELCh color **68, 10.481, 287.308** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 10.264, 104.842**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 10.458, 287.264**, and **48, 10.631, 287.509** is the 20% darker color. If you saturate the color by 10%, you get **62, 19.999, 288.612**, and if you desaturate by 10%, it is **74, 1.298, 286.248**.

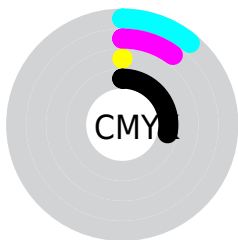
Distribution



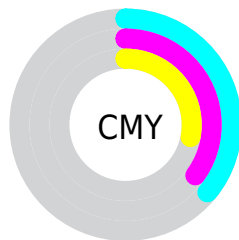
- Red (64%)
- Green (65%)
- Blue (72%)



- Red (64%)
- Yellow (65%)
- Blue (72%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (28%)





- Cyan (36%)
- Magenta (35%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 10.481, 287.308 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, 10.481, 287.308 by changing the saturation by 10% instead.


 68, 10.481,
287.308


 68, 10.481,
287.308


 100, 10.481,
287.308


 58, 10.481,
287.308


 88, 10.481,
287.308

 48, 10.481,
287.308

 98, 10.481,
287.308

 38, 10.481,
287.308

 28, 10.481,
287.308

 18, 10.481,
287.308

 8, 10.481, 287.308

 0, 10.481, 287.308

68, 10.481,
287.308

68, 10.481,
287.308

62, 19.999,
288.612

74, 1.298, 286.248

56, 29.885,
290.149

80, 7.572, 105.201

50, 40.165,
291.943

85, 16.151,
104.383

45, 50.854,
294.012

91, 24.459,
103.673

39, 61.912,
296.340

97, 32.511,
103.055

34, 73.155,
298.849

99, 35.860,
107.445

29, 84.083,
301.363

25, 93.708,

303.608

■ 23, 99.942,
305.030

Harmonies

Complementary

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



68, 10.481, 287.308



74, 10.264, 104.842

Rectangle

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



68, 10.481, 287.308



68, 10.481, 337.308



68, 10.481, 107.308



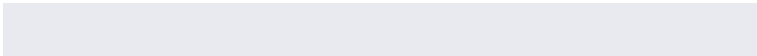
68, 10.481, 157.308

Sweetspot

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



68, 10.479, 287.303



93, 3.373, 286.378



73, 7.728, 190.342



49, 2.557, 286.456



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 10.479, 287.303



85, 16.014, 287.648



68, 12.021, 306.074



36, 5.174, 287.055



19, 87.766, 304.823



1, 14.302, 287.350

Inverse Universe

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



69, 8.186, 12.419



86, 12.563, 12.698



73, 11.793, 124.951



36, 4.028, 12.214



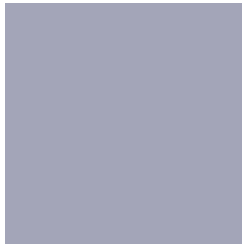
32, 68.254, 35.467



2, 10.707, 13.621

Previews

White Background



This preview shows how the CIELCh color 68, 10.481, 287.308 looks on a white background.

Color Contrast Check

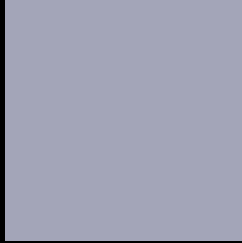
Large Text (above 18pt) WCAG AA × Fail

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 68, 10.481, 287.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

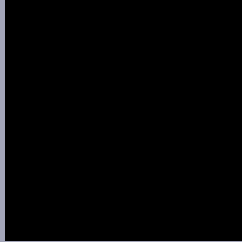
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 10.481, 287.308

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.481, 287.308.



This preview shows how white text looks on a background with the CIELCh color 68, 10.481, 287.308.

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, 10.481, 287.308

Protanopia

68, 11.031, 289.436

Deuteranopia

68, 13.488, 310.366



Tritanopia
68, 7.775, 282.898

Trichromacy



Original Color
68, 10.481, 287.308

Protanomaly
68, 11.031, 289.436

Deuteranomaly
68, 12.449, 303.172

Tritanomaly
68, 8.865, 284.043

Monochromacy



Original Color
68, 10.481, 287.308

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.323, 284.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.481, 287.308 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(163, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(163, 165, 184)  
}
```

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(163, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 165, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.481, 287.308 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(163, 165, 184) }
```

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

```
.border{ border-color:rgb(163, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(163, 165,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.481, 287.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 165, 184) }
```

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

```
.background{ background-color: rgb(163,  
165, 184) }
```

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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