

Converting Colors

CIELCh(70, 5.587, 245.876)

Have a look what the booklet for
CIELCh(70, 5.587, 245.876) contains.

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Color

CIELCh(70, 5.481, 243.695)

Conversions

Conversions Part 1

Format	Color
Hex	A2ADB4
RGB	162, 173, 180
RGB Percent	64%, 68%, 71%
CMY	0.3655, 0.3224, 0.2950
CMYK	0.10, 0.04, 0.00, 0.29
HSL	203°, 11%, 67%
HSV	203°, 10%, 71%
XYZ	37.9747, 40.7494, 48.9278
YIQ	170.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

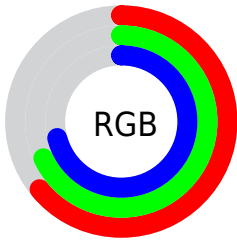
Format	Color
R_{YB}	162, 169, 180
Decimal	10661300
CIE _{Lab}	70.00, -2.43, -4.91
CIE _{LCh}	70, 5.481, 243.695
Yxy	40.7494, 0.2975, 0.3192
Android (android.graphics.Color)	4288851380 (0xFFA2ADB4)
YUV	170.5090, 4.6791, -7.4624
Hunter-Lab	63.8353, -5.5245, -0.7593

Details

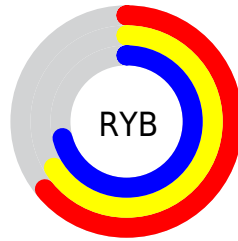
The CIELCh color `70, 5.481, 243.695` is a light color, and the websafe version is hex `999999`. A complement of this color would be `70, 5.710, 61.486`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 5.592, 247.439`, and `50, 5.429, 239.474` is the 20% darker color. If you saturate the color by 10%, you get `67, 10.786, 244.944`, and if you desaturate by 10%, it is `73, 0.013, 276.014`.

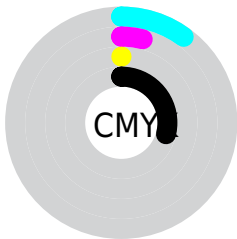
Distribution



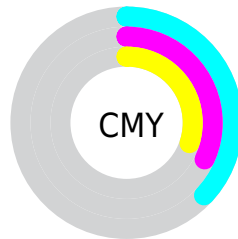
- Red (64%)
- Green (68%)
- Blue (71%)



- Red (64%)
- Yellow (66%)
- Blue (71%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (37%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.481, 243.695 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, 5.481, 243.695 by changing the saturation by 10% instead.

■ 70, 5.481, 243.695

■ 70, 5.481, 243.695

■ 100, 5.481,
243.695

■ 60, 5.481, 243.695

■ 90, 5.481, 243.695

■ 50, 5.481, 243.695

■ 40, 5.481, 243.695

■ 30, 5.481, 243.695

■ 20, 5.481, 243.695

■ 10, 5.481, 243.695

■ 0, 5.481, 243.695

■ 70, 5.481, 243.695

■ 70, 5.481, 243.695

■ 67, 10.786,

■ 73, 0.013, 276.014

244.944

76, 5.583, 61.562

64, 15.884,
246.523

80, 11.266, 60.859

61, 20.731,
248.461

83, 17.010, 60.249

58, 25.290,
250.829

86, 22.790, 59.730

55, 29.537,
253.702

90, 25.436, 77.499

52, 33.480,
257.145

92, 27.251, 85.934

50, 37.167,
261.188

94, 29.579, 93.123

47, 40.696,
265.790

45, 44.244,
270.652

Harmonies

Complementary

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



70, 5.481, 243.695



70, 5.710, 61.486

Rectangle

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



70, 5.481, 243.695



70, 5.481, 293.695



70, 5.481, 63.695



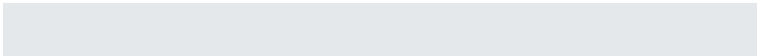
70, 5.481, 113.695

Sweetspot

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



70, 5.481, 243.677



92, 2.062, 243.079



72, 9.101, 157.150



48, 1.559, 243.111



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.481, 243.677



88, 8.130, 243.929



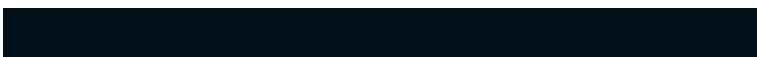
68, 8.792, 286.107



36, 3.086, 243.601



38, 38.903, 269.949



4, 8.019, 255.399

Inverse Universe

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



68, 9.137, 338.814



86, 13.625, 338.991



72, 8.641, 103.926



35, 5.136, 338.758



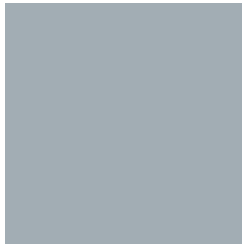
33, 60.152, 351.459



2, 11.394, 343.643

Previews

White Background



This preview shows how the CIE LCh color 70, 5.481, 243.695 looks on a white background.

Color Contrast Check

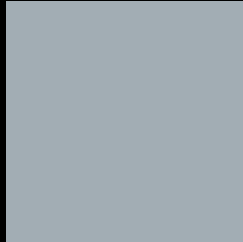
Large Text (above 18pt) WCAG AA × Fail

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, 5.481, 243.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

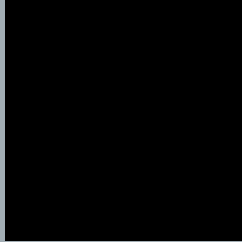
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

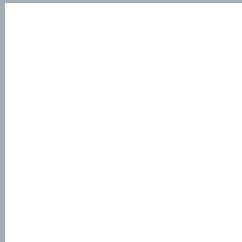
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.481, 243.695

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.481, 243.695.



This preview shows how white text looks on a background with the CIELCh color 70, 5.481, 243.695.

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, 5.481, 243.695

Protanopia

70, 4.460, 300.181

Deuteranopia

70, 10.422, 328.324



Tritanopia
70, 8.251, 267.909

Trichromacy



Original Color
70, 5.481, 243.695

Protanomaly
70, 4.503, 276.458

Deuteranomaly
70, 7.620, 310.689

Tritanomaly
70, 7.265, 264.311

Monochromacy



Original Color
70, 5.481, 243.695

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.201, 247.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.481, 243.695 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, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 173, 180)  
}
```

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, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 173, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.481, 243.695 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, 173, 180) }
```

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

```
.border{ border-color:rgb(162, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 173,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.481, 243.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 173, 180) }
```

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

```
.background{ background-color: rgb(162,  
173, 180) }
```

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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