

Converting Colors

CIELCh(70, 11.765, 243.320)

Have a look what the booklet for
CIELCh(70, 11.765, 243.320)
contains.

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Color

CIELCh(70, 11.775, 243.334)

Conversions

Conversions Part 1

Format	Color
Hex	96AFBE
RGB	150, 175, 190
RGB Percent	59%, 69%, 75%
CMY	0.4126, 0.3145, 0.2557
CMYK	0.21, 0.08, 0.00, 0.26
HSL	202°, 23%, 67%
HSV	202°, 21%, 74%
XYZ	37.0982, 40.7494, 54.5015
YIQ	169.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

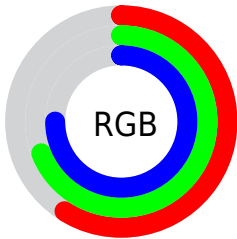
Format	Color
R_{YB}	150, 165, 190
Decimal	9875390
CIE _{Lab}	70.00, -5.28, -10.52
CIE _{LCh}	70, 11.775, 243.334
Yxy	40.7494, 0.2803, 0.3079
Android (android.graphics.Color)	4288065470 (0xFF96AFBE)
YUV	169.2350, 10.2371, -16.8691
Hunter-Lab	63.8353, -7.9756, -5.9362

Details

The CIELCh color `70, 11.775, 243.334` is a light color, and the websafe version is hex `999999`. A complement of this color would be `69, 13.000, 58.871`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 11.545, 241.602`, and `50, 11.948, 242.217` is the 20% darker color. If you saturate the color by 10%, you get `67, 17.016, 244.902`, and if you desaturate by 10%, it is `73, 6.294, 242.066`.

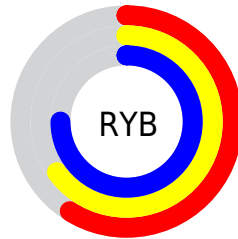
Distribution



Red (59%)

Green (69%)

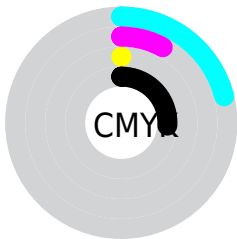
Blue (75%)



Red (59%)

Yellow (65%)

Blue (75%)

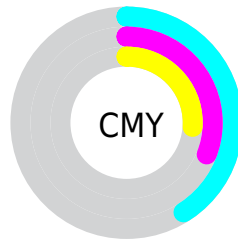


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (41%)


Magenta (31%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.775, 243.334 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, 11.775, 243.334 by changing the saturation by 10% instead.


 70, 11.775,
243.334


 70, 11.775,
243.334


 100, 11.775,
243.334


 60, 11.775,
243.334


 90, 11.775,
243.334

 50, 11.775,
243.334

 40, 11.775,
243.334

 30, 11.775,
243.334

 20, 11.775,
243.334

 10, 11.775,
243.334

 0, 11.775, 243.334

70, 11.775,
243.334

70, 11.775,
243.334

67, 17.016,
244.902

73, 6.294, 242.066

64, 21.969,
246.844

77, 0.623, 241.649

80, 5.193, 59.982

61, 26.592,
249.229

83, 11.116, 59.307

58, 30.860,
252.134

87, 17.113, 58.721

89, 20.549, 64.047

55, 34.782,
255.628

91, 21.561, 75.688

53, 38.411,
259.740

93, 23.376, 85.842

95, 25.813, 94.240

50, 41.858,
264.428

48, 44.947,

268.839

Harmonies

Complementary

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



70, 11.775, 243.334



69, 13.000, 58.871

Rectangle

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



70, 11.775, 243.334



70, 11.775, 293.334



70, 11.775, 63.334



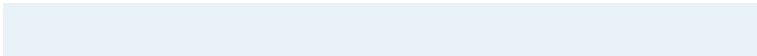
70, 11.775, 113.334

Sweetspot

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



70, 11.774, 243.327



95, 4.263, 241.570



73, 20.311, 155.453



51, 2.847, 241.628



99, 0.012, 296.813



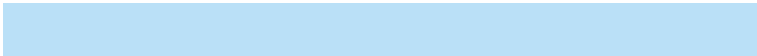
52, 0.007, 296.813

Same Dimension

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



70, 11.774, 243.327



87, 17.178, 243.969



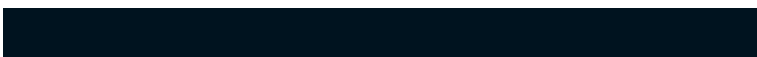
65, 19.344, 286.745



38, 3.215, 241.881



40, 38.873, 268.068



5, 10.228, 255.692

Inverse Universe

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



66, 20.457, 339.075



82, 30.143, 339.444



75, 18.710, 101.854



37, 5.430, 338.127



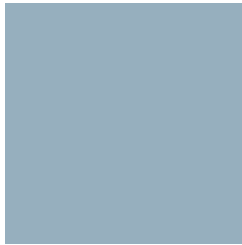
34, 62.004, 350.406



3, 15.141, 344.186

Previews

White Background



This preview shows how the CIELCh color 70, 11.775, 243.334 looks on a white background.

Color Contrast Check

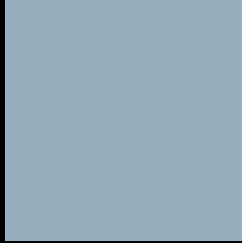
Large Text (above 18pt) WCAG AA × Fail

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, 11.775, 243.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

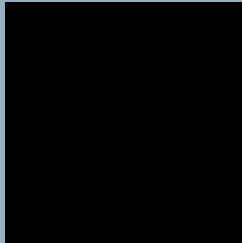
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

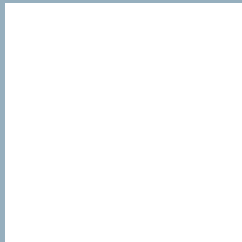
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.775, 243.334

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.775, 243.334.



This preview shows how white text looks on a background with the CIELCh color 70, 11.775, 243.334.

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, 11.775, 243.334

Protanopia

70, 9.317, 288.891

Deuteranopia

70, 14.974, 308.347



Tritanopia
70, 11.432, 241.187

Trichromacy



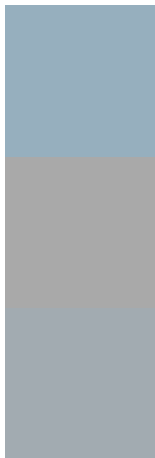
Original Color
70, 11.775, 243.334

Protanomaly
70, 9.380, 268.721

Deuteranomaly
70, 12.065, 289.689

Tritanomaly
70, 11.432, 241.187

Monochromacy



Original Color
70, 11.775, 243.334

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.612, 244.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.775, 243.334 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(150, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 190)  
}
```

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(150, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.775, 243.334 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(150, 175, 190) }
```

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

```
.border{ border-color:rgb(150, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.775, 243.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 190) }
```

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

```
.background{ background-color: rgb(150,  
175, 190) }
```

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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