

Converting Colors

CIELCh(70, 12.708, 238.057)

Have a look what the booklet for
CIELCh(70, 12.708, 238.057)
contains.

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Color

CIELCh(70, 12.688, 236.098)

Conversions

Conversions Part 1

Format	Color
Hex	92B0BE
RGB	146, 176, 190
RGB Percent	57%, 69%, 75%
CMY	0.4284, 0.3108, 0.2559
CMYK	0.23, 0.07, 0.00, 0.26
HSL	199°, 25%, 66%
HSV	199°, 23%, 74%
XYZ	36.5549, 40.7494, 54.5102
YIQ	168.6260, -22.3740, -2.0060

Conversions

Conversions Part 2

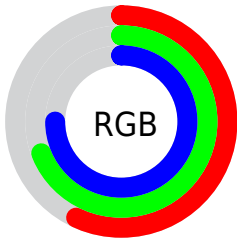
Format	Color
R_{YB}	146, 164, 190
Decimal	9613502
CIE _{Lab}	70.00, -7.08, -10.53
CIE _{LCh}	70, 12.688, 236.098
Y _{xy}	40.7494, 0.2773, 0.3091
Android (android.graphics.Color)	4287803582 (0xFF92B0BE)
YUV	168.6260, 10.5374, -19.8430
Hunter-Lab	63.8353, -9.4948, -5.9442

Details

The CIELCh color **70, 12.688, 236.098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 14.435, 52.178**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.489, 234.629**, and **50, 12.881, 234.907** is the 20% darker color. If you saturate the color by 10%, you get **67, 17.680, 237.486**, and if you desaturate by 10%, it is **73, 7.380, 235.001**.

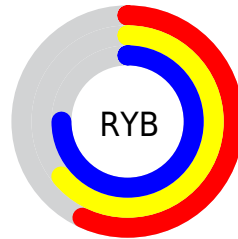
Distribution



Red (57%)

Green (69%)

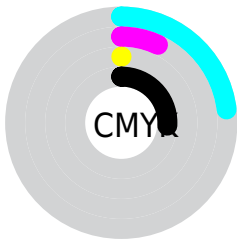
Blue (75%)



Red (57%)

Yellow (64%)

Blue (75%)

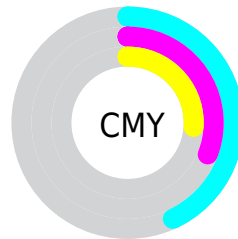


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (43%)


Magenta (31%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.688, 236.098 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, 12.688, 236.098 by changing the saturation by 10% instead.


 70, 12.688,
236.098


 70, 12.688,
236.098


 100, 12.688,
236.098


 60, 12.688,
236.098


 90, 12.688,
236.098

 50, 12.688,
236.098

 40, 12.688,
236.098

 30, 12.688,
236.098

 20, 12.688,
236.098

 10, 12.688,
236.098

 0, 12.688, 236.098

70, 12.688,
236.098

70, 12.688,
236.098

67, 17.680,
237.486

73, 7.380, 235.001

64, 22.294,
239.243

76, 1.818, 234.308

62, 26.475,
241.443

79, 3.941, 53.215

59, 30.186,
244.173

82, 9.850, 52.720

57, 33.425,
247.515

85, 15.868, 52.284

55, 36.244,
251.522

88, 20.415, 54.547

53, 38.758,
256.177

89, 20.606, 64.976

51, 40.437,

91, 21.467, 74.854

92, 22.915, 83.683

259.524

Harmonies

Complementary

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



70, 12.688, 236.098



68, 14.435, 52.178

Rectangle

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



70, 12.688, 236.098



70, 12.688, 286.098



70, 12.688, 56.098



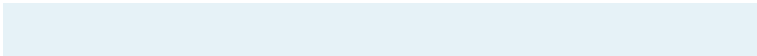
70, 12.688, 106.098

Sweetspot

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



70, 12.688, 236.092



95, 4.920, 234.490



73, 23.205, 153.181



51, 3.219, 234.534



99, 0.012, 296.813



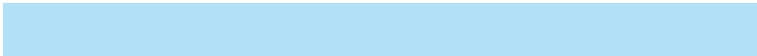
52, 0.007, 296.813

Same Dimension

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



70, 12.688, 236.092



87, 18.749, 236.786



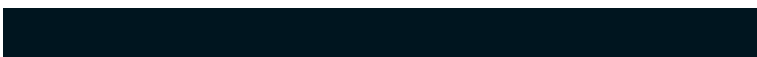
64, 20.156, 284.422



38, 3.183, 234.661



43, 35.071, 258.750



6, 9.782, 248.030

Inverse Universe

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



65, 23.418, 336.683



80, 35.100, 337.103



74, 19.585, 98.759



37, 5.654, 335.636



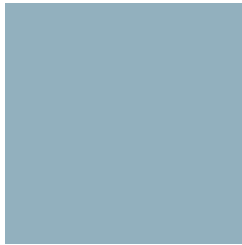
35, 64.000, 345.958



3, 15.837, 340.848

Previews

White Background



This preview shows how the CIELCh color 70, 12.688, 236.098 looks on a white background.

Color Contrast Check

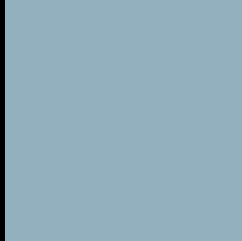
Large Text (above 18pt) WCAG AA × Fail

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, 12.688, 236.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

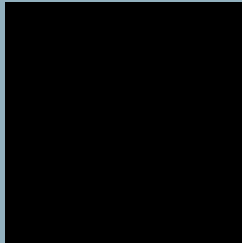
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

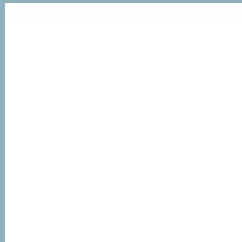
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.688, 236.098

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.688, 236.098.

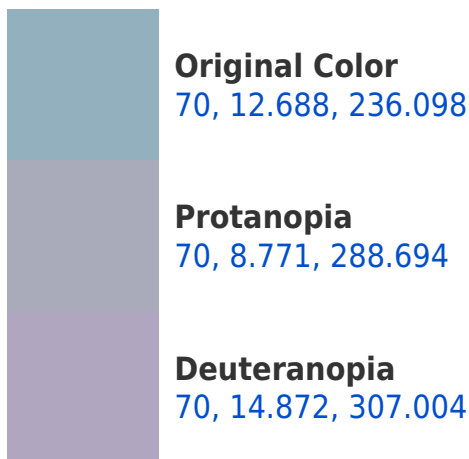


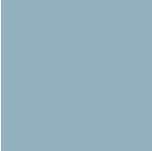
This preview shows how white text looks on a background with the CIELCh color 70, 12.688, 236.098.

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





Tritanopia
70, 12.688, 236.098

Trichromacy



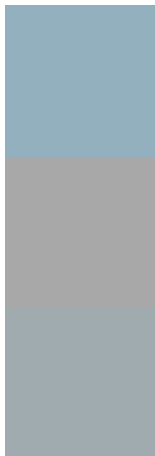
Original Color
70, 12.688, 236.098

Protanomaly
70, 9.019, 265.206

Deuteranomaly
70, 11.568, 284.264

Tritanomaly
70, 12.688, 236.098

Monochromacy



Original Color
70, 12.688, 236.098

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.827, 233.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.688, 236.098 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(146, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 176, 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(146, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 176, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.688, 236.098 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(146, 176, 190) }
```

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

```
.border{ border-color:rgb(146, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 176, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 176, 190); box-shadow:4px 4px 4px 4px rgb(146, 176, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.688, 236.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 176, 190) }
```

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

```
.background{ background-color: rgb(146,  
176, 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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