

Converting Colors

CIELCh(70, 8.734, 253.308)

Have a look what the booklet for
CIELCh(70, 8.734, 253.308) contains.

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Color

CIELCh(70, 8.789, 253.460)

Conversions

Conversions Part 1

Format	Color
Hex	9EADBA
RGB	158, 173, 186
RGB Percent	62%, 68%, 73%
CMY	0.3800, 0.3212, 0.2702
CMYK	0.15, 0.07, 0.00, 0.27
HSL	208°, 17%, 67%
HSV	208°, 15%, 73%
XYZ	37.9521, 40.7494, 52.3705
YIQ	169.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

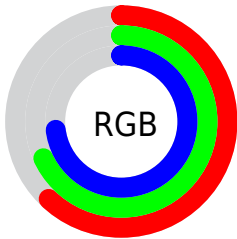
Format	Color
RYB	158, 168, 186
Decimal	10399162
CIELab	70.00, -2.50, -8.43
CIElCh	70, 8.789, 253.460
Yxy	40.7494, 0.2896, 0.3109
Android (android.graphics.Color)	4288589242 (0xFF9EADBA)
YUV	169.9970, 7.8895, -10.5214
Hunter-Lab	63.8353, -5.5878, -3.9569

Details

The CIELCh color `70, 8.789, 253.460` is a light color, and the websafe version is hex `999999`. A complement of this color would be `71, 9.207, 69.663`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 8.806, 255.159`, and `50, 8.845, 251.829` is the 20% darker color. If you saturate the color by 10%, you get `66, 14.493, 255.059`, and if you desaturate by 10%, it is `74, 2.973, 252.171`.

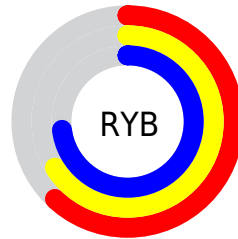
Distribution



Red (62%)

Green (68%)

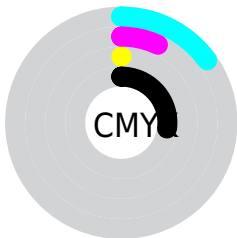
Blue (73%)



Red (62%)

Yellow (66%)

Blue (73%)

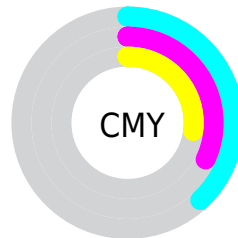


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.789, 253.460 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, 8.789, 253.460 by changing the saturation by 10% instead.

■ 70, 8.789, 253.460

■ 70, 8.789, 253.460

■ 100, 8.789,
253.460

■ 60, 8.789, 253.460

■ 90, 8.789, 253.460

■ 50, 8.789, 253.460

■ 40, 8.789, 253.460

■ 30, 8.789, 253.460

■ 20, 8.789, 253.460

■ 10, 8.789, 253.460

■ 0, 8.789, 253.460

■ 70, 8.789, 253.460

■ 70, 8.789, 253.460

■ 66, 14.493,

■ 74, 2.973, 252.171

255.059

77, 2.922, 70.768

63, 20.058,
256.998

81, 8.871, 69.881

59, 25.458,
259.324

85, 14.849, 69.065

56, 30.681,
262.100

89, 20.836, 68.356

53, 35.737,
265.380

91, 23.290, 78.429

49, 40.668,
269.183

93, 25.748, 89.403

95, 28.972, 98.109

46, 45.554,
273.470

98, 32.713,
104.859

44, 50.504,
278.110

42, 53.039,
280.351

Harmonies

Complementary

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



70, 8.789, 253.460



71, 9.207, 69.663

Rectangle

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



70, 8.789, 253.460



70, 8.789, 303.460



70, 8.789, 73.460



70, 8.789, 123.460

Sweetspot

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



70, 8.788, 253.450



93, 3.650, 252.175



73, 13.401, 159.847



50, 2.508, 252.248



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 8.788, 253.450



87, 12.988, 253.940



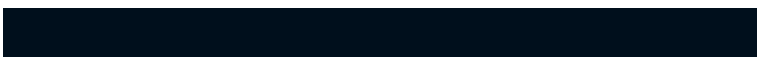
66, 14.739, 289.774



37, 3.289, 252.668



35, 45.863, 279.643



4, 9.878, 264.291

Inverse Universe

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



68, 13.473, 342.979



84, 20.026, 343.275



75, 14.296, 106.603



36, 4.988, 342.473



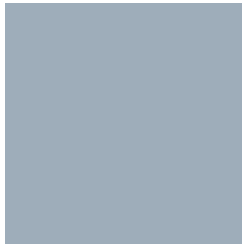
33, 59.136, 358.082



3, 12.469, 348.728

Previews

White Background



This preview shows how the CIELCh color 70, 8.789, 253.460 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, 8.789, 253.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

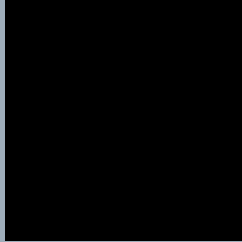
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

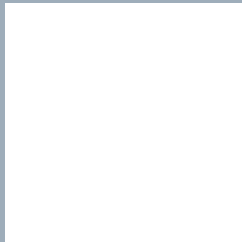
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.789, 253.460

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.789, 253.460.

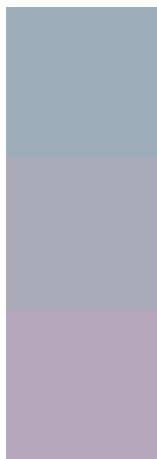


This preview shows how white text looks on a background with the CIELCh color 70, 8.789, 253.460.

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

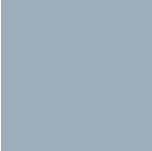
70, 8.789, 253.460

Protanopia

70, 7.674, 290.949

Deuteranopia

70, 12.668, 315.120



Tritanopia
70, 9.221, 255.642

Trichromacy



Original Color
70, 8.789, 253.460

Protanomaly
70, 7.844, 277.642

Deuteranomaly
70, 9.948, 297.430

Tritanomaly
70, 9.221, 255.642

Monochromacy



Original Color
70, 8.789, 253.460

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.280, 256.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.789, 253.460 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(158, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 186)  
}
```

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(158, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.789, 253.460 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(158, 173, 186) }
```

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

```
.border{ border-color:rgb(158, 173, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 173, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.789, 253.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 186) }
```

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

```
.background{ background-color: rgb(158,  
173, 186) }
```

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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