

Converting Colors

CIELCh(70, 12.434, 265.666)

Have a look what the booklet for
CIELCh(70, 12.434, 265.666)
contains.

CIELCh(70, 12.149, 263.880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 12.149, 263.880)

Conversions

Conversions Part 1

Format	Color
Hex	9DADC1
RGB	157, 173, 193
RGB Percent	62%, 68%, 76%
CMY	0.3855, 0.3227, 0.2443
CMYK	0.19, 0.10, 0.00, 0.24
HSL	213°, 22%, 69%
HSV	213°, 19%, 76%
XYZ	38.3265, 40.7494, 56.1206
YIQ	170.4960, -15.9560, 2.8280

Conversions

Conversions Part 2

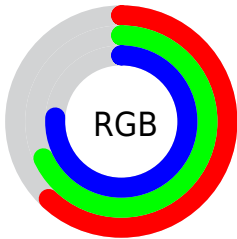
Format	Color
R _Y B	157, 168, 193
Decimal	10333633
CIE Lab	70.00, -1.30, -12.08
CIE LCh	70, 12.149, 263.880
Yxy	40.7494, 0.2835, 0.3014
Android (android.graphics.Color)	4288523713 (0xFF9DADC1)
YUV	170.4960, 11.0945, -11.8360
Hunter-Lab	63.8353, -4.5408, -7.4400

Details

The CIELCh color $70, 12.149, 263.880$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 12.543, 78.787$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.049, 264.492$, and $50, 11.859, 262.103$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.635, 265.667$, and if you desaturate by 10%, it is $74, 5.647, 262.374$.

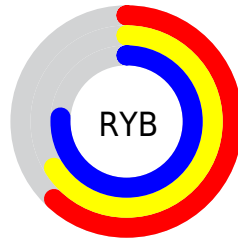
Distribution



Red (62%)

Green (68%)

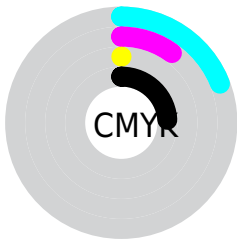
Blue (76%)



Red (62%)

Yellow (66%)

Blue (76%)

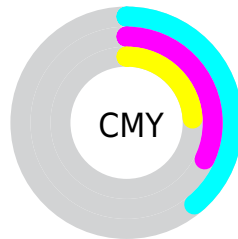


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (39%)


Magenta (32%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.149, 263.880 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, 12.149, 263.880 by changing the saturation by 10% instead.


 70, 12.149,
263.880


 70, 12.149,
263.880


 100, 12.149,
263.880


 60, 12.149,
263.880


 90, 12.149,
263.880

 50, 12.149,
263.880

 40, 12.149,
263.880

 30, 12.149,
263.880

 20, 12.149,
263.880

 10, 12.149,
263.880

 0, 12.149, 263.880

70, 12.149,
263.880

70, 12.149,
263.880

66, 18.635,
265.667

74, 5.647, 262.374

62, 25.097,
267.787

79, 0.852, 80.642

83, 7.335, 79.849

57, 31.533,
270.286

87, 13.788, 78.901

53, 37.956,
273.209

91, 20.197, 78.066

94, 23.683, 91.355

50, 44.402,
276.577

97, 27.981,
102.245

46, 50.929,
280.364

99, 31.370,
107.791

42, 57.603,
284.472

39, 64.471,

288.659

■ 39, 65.399,
289.176

Harmonies

Complementary

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



70, 12.149, 263.880



73, 12.543, 78.787

Rectangle

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



70, 12.149, 263.880



70, 12.149, 313.880



70, 12.149, 83.880



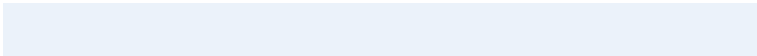
70, 12.149, 133.880

Sweetspot

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



70, 12.148, 263.874



95, 4.825, 262.041



75, 15.874, 164.782



50, 3.200, 262.122



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, 12.148, 263.874



87, 17.668, 264.497



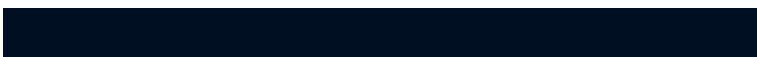
66, 20.009, 294.033



39, 3.707, 262.468



32, 56.350, 288.565



4, 13.588, 273.609

Inverse Universe

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



68, 16.292, 348.443



84, 23.793, 348.830



77, 19.174, 110.498



38, 4.910, 347.518



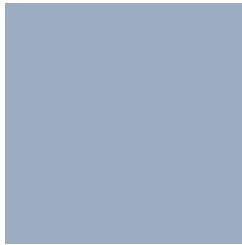
34, 59.760, 6.774



3, 15.391, 355.613

Previews

White Background



This preview shows how the CIELCh color 70, 12.149, 263.880 looks on a white background.

Color Contrast Check

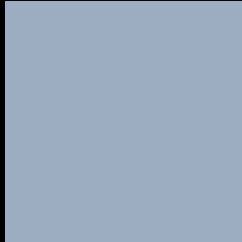
Large Text (above 18pt) WCAG AA × Fail

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, 12.149, 263.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

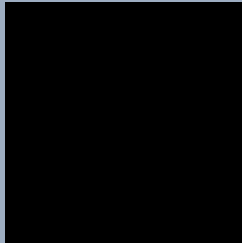
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

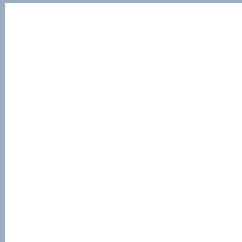
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.149, 263.880

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.149, 263.880.



This preview shows how white text looks on a background with the CIELCh color 70, 12.149, 263.880.

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, 12.149, 263.880

Protanopia

70, 11.516, 287.773

Deuteranopia

70, 15.929, 305.991



Tritanopia
70, 9.423, 248.307

Trichromacy



Original Color
70, 12.149, 263.880

Protanomaly
70, 11.710, 279.115

Deuteranomaly
70, 14.299, 294.438

Tritanomaly
70, 10.232, 252.682

Monochromacy



Original Color
70, 12.149, 263.880

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.389, 260.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.149, 263.880 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(157, 173, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 173, 193)  
}
```

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(157, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 173, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.149, 263.880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

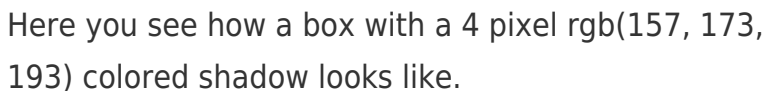
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 173, 193) }
```

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

```
.border{ border-color:rgb(157, 173, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 173, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 173, 193); box-shadow:4px 4px 4px 4px rgb(157, 173, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.149, 263.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 173, 193) }
```

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

```
.background{ background-color: rgb(157,  
173, 193) }
```

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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