

Converting Colors

CIELCh(70, 12.930, 252.738)

Have a look what the booklet for
CIELCh(70, 12.930, 252.738)
contains.

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Color

CIELCh(70, 12.894, 253.109)

Conversions

Conversions Part 1

Format	Color
Hex	97AEC1
RGB	151, 174, 193
RGB Percent	59%, 68%, 76%
CMY	0.4075, 0.3173, 0.2428
CMYK	0.22, 0.10, 0.00, 0.24
HSL	207°, 25%, 67%
HSV	207°, 22%, 76%
XYZ	37.5686, 40.7494, 56.3919
YIQ	169.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

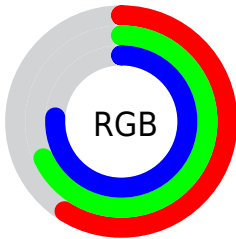
Format	Color
RYB	151, 166, 193
Decimal	9940673
CIELab	70.00, -3.75, -12.34
CIElCh	70, 12.894, 253.109
Yxy	40.7494, 0.2789, 0.3025
Android (android.graphics.Color)	4288130753 (0xFF97AEC1)
YUV	169.2890, 11.6895, -16.0395
Hunter-Lab	63.8353, -6.6601, -7.6920

Details

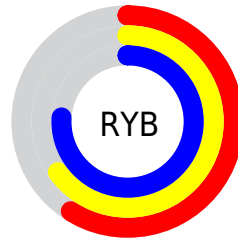
The CIELCh color $70, 12.894, 253.109$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 13.897, 67.580$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 12.759, 253.935$, and $50, 12.680, 250.847$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.600, 254.915$, and if you desaturate by 10%, it is $74, 7.036, 251.611$.

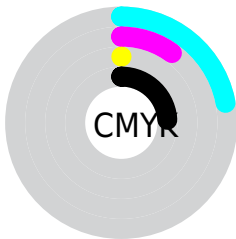
Distribution



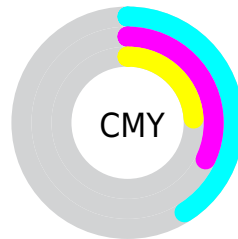
- Red (59%)
- Green (68%)
- Blue (76%)



- Red (59%)
- Yellow (65%)
- Blue (76%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 12.894, 253.109 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, 12.894, 253.109 by changing the saturation by 10% instead.

■ 70, 12.894,
253.109

■ 70, 12.894,
253.109

■ 100, 12.894,
253.109

■ 60, 12.894,
253.109

■ 90, 12.894,
253.109

■ 50, 12.894,
253.109

■ 40, 12.894,
253.109

■ 30, 12.894,
253.109

■ 20, 12.894,
253.109

■ 10, 12.894,
253.109

■ 0, 12.894, 253.109

70, 12.894,
253.109

70, 12.894,
253.109

66, 18.600,
254.915

74, 7.036, 251.611

63, 24.126,
257.099

77, 1.063, 250.655

81, 4.994, 69.136

59, 29.450,
259.720

85, 11.107, 68.273

56, 34.571,
262.838

89, 17.251, 67.511

92, 20.486, 76.442

53, 39.520,
266.492

94, 22.906, 89.122

50, 44.366,
270.669

96, 26.212, 98.891

47, 49.218,
275.274

98, 30.089,
106.210

44, 53.337,

Harmonies

Complementary

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



70, 12.894, 253.109



71, 13.897, 67.580

Rectangle

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



70, 12.894, 253.109



70, 12.894, 303.109



70, 12.894, 73.109



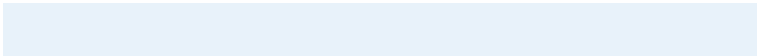
70, 12.894, 123.109

Sweetspot

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



70, 12.893, 253.103



95, 5.190, 251.029



75, 19.948, 159.215



50, 3.370, 251.100



99, 0.012, 296.813



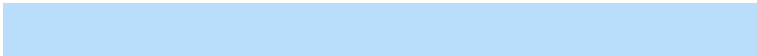
52, 0.007, 296.813

Same Dimension

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



70, 12.893, 253.103



86, 18.901, 253.904



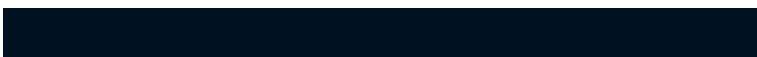
64, 22.247, 290.662



39, 3.412, 251.301



37, 45.961, 278.425



5, 12.178, 265.042

Inverse Universe

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



67, 20.340, 342.977



82, 30.046, 343.425



77, 21.267, 105.921



38, 5.259, 341.869



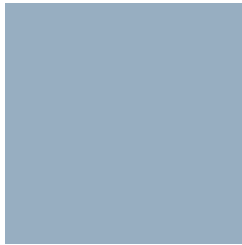
34, 60.748, 357.118



3, 16.284, 349.455

Previews

White Background



This preview shows how the CIE LCh color 70, 12.894, 253.109 looks on a white background.

Color Contrast Check

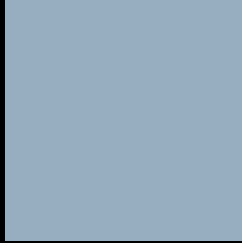
Large Text (above 18pt) WCAG AA × Fail

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, 12.894, 253.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

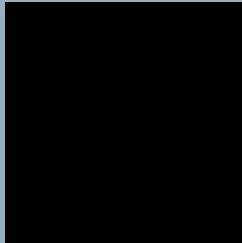
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

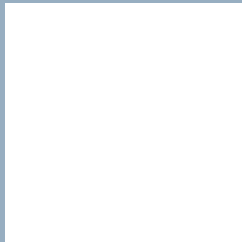
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.894, 253.109

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.894, 253.109.



This preview shows how white text looks on a background with the CIELCh color 70, 12.894, 253.109.

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, 12.894, 253.109

Protanopia
70, 10.970, 287.534

Deuteranopia
70, 16.375, 304.314



Tritanopia
70, 11.432, 241.187

Trichromacy



Original Color
70, 12.894, 253.109

Protanomaly
70, 11.337, 274.970

Deuteranomaly
70, 13.715, 288.590

Tritanomaly
70, 11.775, 243.334

Monochromacy



Original Color
70, 12.894, 253.109

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.004, 249.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.894, 253.109 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(151, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(151, 174, 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(151, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 174, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.894, 253.109 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(151, 174, 193) }
```

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

```
.border{ border-color:rgb(151, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(151, 174,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.894, 253.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 174, 193) }
```

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

```
.background{ background-color: rgb(151,  
174, 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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