

Converting Colors

CIELCh(70, 6.941, 243.975)

Have a look what the booklet for
CIELCh(70, 6.941, 243.975) contains.

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Color

CIELCh(70, 6.968, 244.303)

Conversions

Conversions Part 1

Format	Color
Hex	9FADB6
RGB	159, 173, 182
RGB Percent	62%, 68%, 71%
CMY	0.3756, 0.3207, 0.2854
CMYK	0.13, 0.05, 0.00, 0.29
HSL	203°, 14%, 67%
HSV	203°, 13%, 71%
XYZ	37.7917, 40.7494, 50.2478
YIQ	169.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

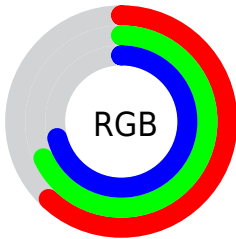
Format	Color
RYB	159, 168, 182
Decimal	10464694
CIELab	70.00, -3.02, -6.28
CIELCh	70, 6.968, 244.303
Yxy	40.7494, 0.2934, 0.3164
Android (android.graphics.Color)	4288654774 (0xFF9FADB6)
YUV	169.8400, 5.9949, -9.5067
Hunter-Lab	63.8353, -6.0362, -1.9853

Details

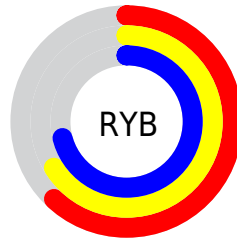
The CIELCh color `70, 6.968, 244.303` is a light color, and the websafe version is hex `999999`. A complement of this color would be `70, 7.346, 61.540`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 7.019, 247.148`, and `50, 6.982, 241.265` is the 20% darker color. If you saturate the color by 10%, you get `67, 12.289, 245.647`, and if you desaturate by 10%, it is `73, 1.471, 243.376`.

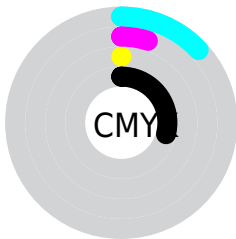
Distribution



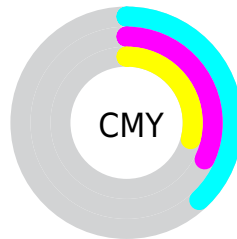
- Red (62%)
- Green (68%)
- Blue (71%)



- Red (62%)
- Yellow (66%)
- Blue (71%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.968, 244.303 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, 6.968, 244.303 by changing the saturation by 10% instead.

■ 70, 6.968, 244.303

■ 70, 6.968, 244.303

■ 100, 6.968,
244.303

■ 60, 6.968, 244.303

■ 90, 6.968, 244.303

■ 50, 6.968, 244.303

■ 40, 6.968, 244.303

■ 30, 6.968, 244.303

■ 20, 6.968, 244.303

■ 10, 6.968, 244.303

■ 0, 6.968, 244.303

■ 70, 6.968, 244.303

■ 70, 6.968, 244.303

■ 67, 12.289,

■ 73, 1.471, 243.376

245.647

77, 4.159, 62.048

64, 17.392,
247.324

80, 9.887, 61.323

61, 22.232,
249.379

83, 15.681, 60.681

58, 26.777,
251.884

87, 21.517, 60.133

55, 31.011,
254.915

91, 24.642, 78.071

52, 34.950,
258.527

92, 26.554, 86.864

49, 38.658,
262.736

94, 29.004, 94.264

47, 42.247,
267.472

45, 44.943,
271.060

Harmonies

Complementary

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



70, 6.968, 244.303



70, 7.346, 61.540

Rectangle

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



70, 6.968, 244.303



70, 6.968, 294.303



70, 6.968, 64.303



70, 6.968, 114.303

Sweetspot

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



70, 6.968, 244.289



92, 2.770, 243.427



72, 11.613, 156.930



49, 1.982, 243.478



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 6.968, 244.289



88, 10.215, 244.617



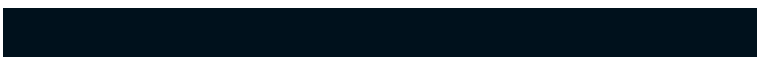
67, 11.258, 286.427



37, 3.161, 243.912



39, 39.610, 270.380



4, 9.252, 256.851

Inverse Universe

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



68, 11.656, 339.142



85, 17.194, 339.356



73, 11.022, 103.650



36, 5.248, 338.877



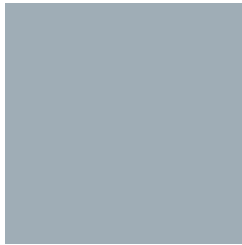
34, 60.799, 351.709



3, 13.094, 344.507

Previews

White Background



This preview shows how the CIELCh color 70, 6.968, 244.303 looks on a white background.

Color Contrast Check

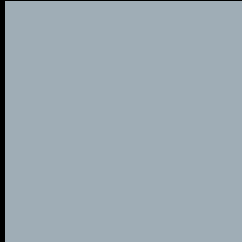
Large Text (above 18pt) WCAG AA × Fail

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, 6.968, 244.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

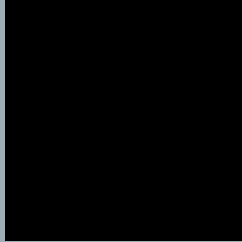
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

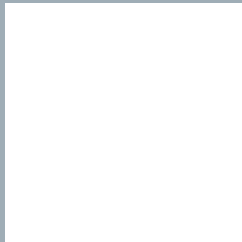
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.968, 244.303

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.968, 244.303.

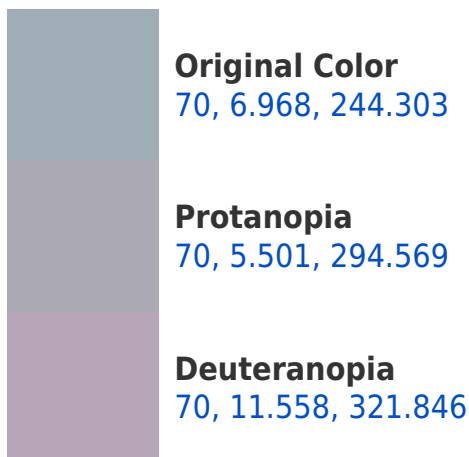


This preview shows how white text looks on a background with the CIELCh color 70, 6.968, 244.303.

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, 8.401, 257.331

Trichromacy



Original Color
70, 6.968, 244.303

Protanomaly
70, 5.645, 275.739

Deuteranomaly
70, 7.919, 304.327

Tritanomaly
70, 7.959, 255.036

Monochromacy



Original Color
70, 6.968, 244.303

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.461, 241.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.968, 244.303 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(159, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 182)  
}
```

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(159, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.968, 244.303 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(159, 173, 182) }
```

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

```
.border{ border-color:rgb(159, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.968, 244.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 182) }
```

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

```
.background{ background-color: rgb(159,  
173, 182) }
```

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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