

Converting Colors

CIELCh(70, 9.836, 237.265)

Have a look what the booklet for
CIELCh(70, 9.836, 237.265) contains.

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Color

CIELCh(70, 9.964, 236.233)

Conversions

Conversions Part 1

Format	Color
Hex	98AFBA
RGB	152, 175, 186
RGB Percent	60%, 69%, 73%
CMY	0.4049, 0.3147, 0.2716
CMYK	0.18, 0.06, 0.00, 0.27
HSL	199°, 20%, 66%
HSV	199°, 18%, 73%
XYZ	37.0210, 40.7494, 52.2281
YIQ	169.3770, -17.2390, -1.4550

Conversions

Conversions Part 2

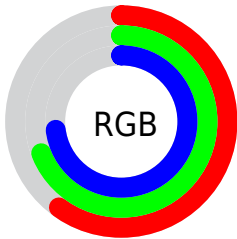
Format	Color
RYB	152, 166, 186
Decimal	10006458
CIELab	70.00, -5.54, -8.28
CIELCh	70, 9.964, 236.233
Yxy	40.7494, 0.2848, 0.3135
Android (android.graphics.Color)	4288196538 (0xFF98AFBA)
YUV	169.3770, 8.1951, -15.2396
Hunter-Lab	63.8353, -8.1915, -3.8246

Details

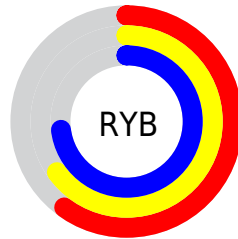
The CIELCh color $70, 9.964, 236.233$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.989, 53.105$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.832, 234.647$, and $50, 9.840, 235.361$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.041, 237.488$, and if you desaturate by 10%, it is $73, 4.613, 235.257$.

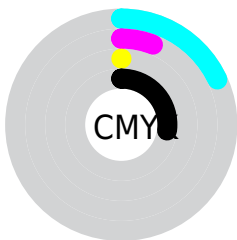
Distribution



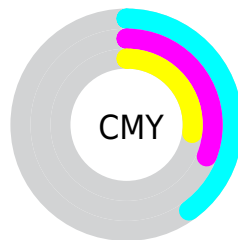
- Red (60%)
- Green (69%)
- Blue (73%)



- Red (60%)
- Yellow (65%)
- Blue (73%)



- Cyan (18%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.964, 236.233 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, 9.964, 236.233 by changing the saturation by 10% instead.

■ 70, 9.964, 236.233

■ 70, 9.964, 236.233

■ 100, 9.964,
236.233

■ 60, 9.964, 236.233

■ 90, 9.964, 236.233

■ 50, 9.964, 236.233

■ 40, 9.964, 236.233

■ 30, 9.964, 236.233

■ 20, 9.964, 236.233

■ 10, 9.964, 236.233

■ 0, 9.964, 236.233

■ 70, 9.964, 236.233

■ 70, 9.964, 236.233

■ 67, 15.041,

■ 73, 4.613, 235.257

237.488

76, 0.956, 53.851

64, 19.783,
239.083

79, 6.691, 53.615

62, 24.133,
241.081

82, 12.550, 53.121

59, 28.046,
243.567

85, 18.496, 52.708

57, 31.503,
246.626

88, 21.770, 56.823

89, 22.074, 66.501

54, 34.527,
250.327

91, 22.992, 75.627

92, 24.449, 83.818

52, 37.202,
254.689

50, 39.697,
259.570

50, 40.137,
260.383

Harmonies

Complementary

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



70, 9.964, 236.233



69, 10.989, 53.105

Rectangle

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



70, 9.964, 236.233



70, 9.964, 286.233



70, 9.964, 56.233



70, 9.964, 106.233

Sweetspot

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



70, 9.964, 236.224



94, 3.470, 235.037



72, 17.998, 153.614



50, 2.383, 235.078



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, 9.964, 236.224



88, 14.725, 236.702



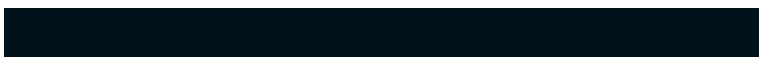
65, 15.519, 283.689



37, 3.113, 235.341



42, 34.941, 259.615



5, 8.797, 248.365

Inverse Universe

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



66, 18.065, 336.534



82, 26.994, 336.848



73, 15.177, 99.326



36, 5.507, 335.859



34, 63.054, 346.326



3, 13.793, 340.636

Previews

White Background



This preview shows how the CIELCh color 70, 9.964, 236.233 looks on a white background.

Color Contrast Check

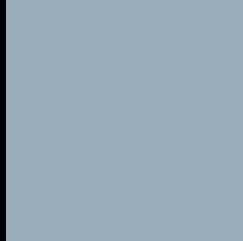
Large Text (above 18pt) WCAG AA × Fail

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, 9.964, 236.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

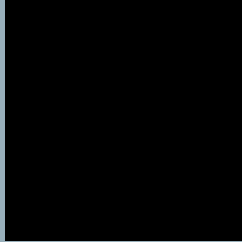
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

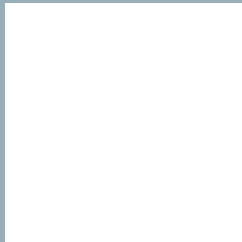
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.964, 236.233

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.964, 236.233.



This preview shows how white text looks on a background with the CIELCh color 70, 9.964, 236.233.

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, 10.719, 244.851

Trichromacy



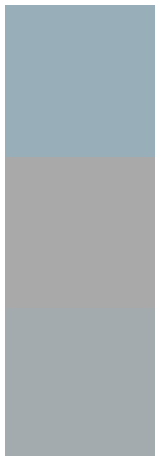
Original Color
70, 9.964, 236.233

Protanomaly
70, 7.265, 264.311

Deuteranomaly
70, 9.886, 293.259

Tritanomaly
70, 10.364, 242.549

Monochromacy



Original Color
70, 9.964, 236.233

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.643, 236.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.964, 236.233 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(152, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(152, 175, 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(152, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 175, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.964, 236.233 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(152, 175, 186) }
```

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

```
.border{ border-color:rgb(152, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(152, 175,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.964, 236.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 175, 186) }
```

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

```
.background{ background-color: rgb(152,  
175, 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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