

Converting Colors

CIELCh(70, 8.865, 237.296)

Have a look what the booklet for
CIELCh(70, 8.865, 237.296) contains.

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Color

CIELCh(70, 8.860, 237.299)

Conversions

Conversions Part 1

Format	Color
Hex	9AAEB8
RGB	154, 174, 184
RGB Percent	60%, 68%, 72%
CMY	0.3950, 0.3165, 0.2773
CMYK	0.16, 0.05, 0.00, 0.28
HSL	200°, 18%, 66%
HSV	200°, 16%, 72%
XYZ	37.2500, 40.7494, 51.4044
YIQ	169.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

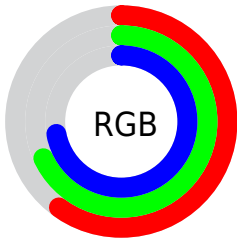
Format	Color
RYB	154, 166, 184
Decimal	10137272
CIELab	70.00, -4.79, -7.46
CIELCh	70, 8.860, 237.299
Yxy	40.7494, 0.2879, 0.3149
Android (android.graphics.Color)	4288327352 (0xFF9AAEB8)
YUV	169.1600, 7.3161, -13.2953
Hunter-Lab	63.8353, -7.5510, -3.0595

Details

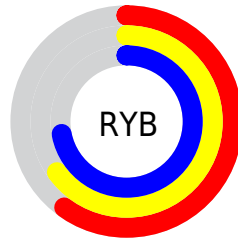
The CIELCh color `70, 8.860, 237.299` is a light color, and the websafe version is hex `999999`. A complement of this color would be `69, 9.636, 54.394`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 8.803, 239.735`, and `50, 8.699, 236.239` is the 20% darker color. If you saturate the color by 10%, you get `67, 13.983, 238.536`, and if you desaturate by 10%, it is `73, 3.485, 236.352`.

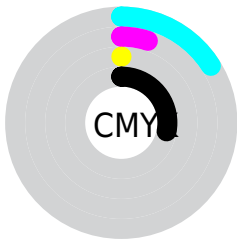
Distribution



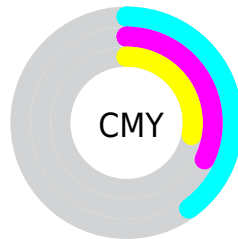
- Red (60%)
- Green (68%)
- Blue (72%)



- Red (60%)
- Yellow (65%)
- Blue (72%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.860, 237.299 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, 8.860, 237.299 by changing the saturation by 10% instead.

■ 70, 8.860, 237.299

■ 70, 8.860, 237.299

■ 100, 8.860,
237.299

■ 60, 8.860, 237.299

■ 90, 8.860, 237.299

■ 50, 8.860, 237.299

■ 40, 8.860, 237.299

■ 30, 8.860, 237.299

■ 20, 8.860, 237.299

■ 10, 8.860, 237.299

■ 0, 8.860, 237.299

■ 70, 8.860, 237.299

■ 70, 8.860, 237.299

■ 67, 13.983,

■ 73, 3.485, 236.352

238.536

76, 2.087, 55.183

64, 18.798,
240.107

79, 7.809, 54.684

62, 23.248,
242.069

82, 13.642, 54.173

59, 27.288,
244.504

85, 19.551, 53.747

56, 30.896,
247.498

88, 22.285, 58.788

54, 34.089,
251.120

89, 22.721, 68.386

52, 36.937,
255.396

91, 23.773, 77.343

50, 39.580,
260.251

92, 25.356, 85.318

49, 40.587,
262.050

Harmonies

Complementary

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



70, 8.860, 237.299



69, 9.636, 54.394

Rectangle

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



70, 8.860, 237.299



70, 8.860, 287.299



70, 8.860, 57.299



70, 8.860, 107.299

Sweetspot

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



70, 8.860, 237.289



93, 3.442, 236.275



72, 15.906, 153.785



49, 2.344, 236.318



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, 8.860, 237.289



87, 13.358, 237.758



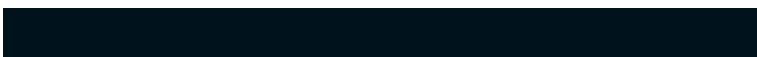
66, 13.678, 283.403



37, 3.115, 236.597



42, 35.537, 261.313



5, 8.852, 249.692

Inverse Universe

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



67, 15.844, 336.805



83, 24.147, 337.119



73, 13.410, 99.557



36, 5.468, 336.278



34, 62.689, 347.072



3, 13.684, 341.192

Previews

White Background



This preview shows how the CIELCh color 70, 8.860, 237.299 looks on a white background.

Color Contrast Check

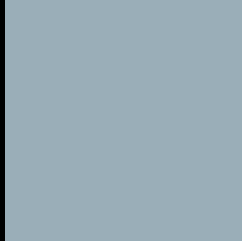
Large Text (above 18pt) WCAG AA × Fail

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, 8.860, 237.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

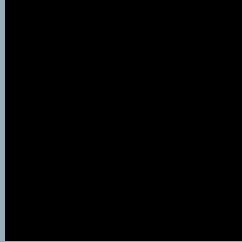
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

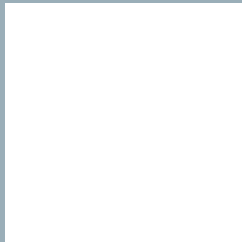
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.860, 237.299

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.860, 237.299.



This preview shows how white text looks on a background with the CIELCh color 70, 8.860, 237.299.

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, 8.860, 237.299

Protanopia

70, 6.594, 294.024

Deuteranopia

70, 12.173, 316.166



Tritanopia
70, 10.037, 249.048

Trichromacy



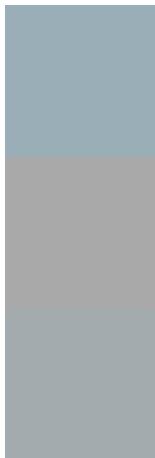
Original Color
70, 8.860, 237.299

Protanomaly
70, 6.487, 267.763

Deuteranomaly
70, 8.819, 295.784

Tritanomaly
70, 9.650, 246.757

Monochromacy



Original Color
70, 8.860, 237.299

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 3.360, 240.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.860, 237.299 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(154, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(154, 174, 184)  
}
```

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(154, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 174, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.860, 237.299 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(154, 174, 184) }
```

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

```
.border{ border-color:rgb(154, 174, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(154, 174,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.860, 237.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 174, 184) }
```

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

```
.background{ background-color: rgb(154,  
174, 184) }
```

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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