

Converting Colors

CIELCh(67, 15.824, 233.174)

Have a look what the booklet for
CIELCh(67, 15.824, 233.174)
contains.

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Color

CIELCh(67, 15.871, 232.557)

Conversions

Conversions Part 1

Format	Color
Hex	81A9B9
RGB	129, 169, 185
RGB Percent	51%, 66%, 73%
CMY	0.4934, 0.3366, 0.2738
CMYK	0.30, 0.09, 0.00, 0.27
HSL	197°, 29%, 62%
HSV	197°, 30%, 73%
XYZ	32.0757, 36.6320, 51.3774
YIQ	158.8640, -28.9760, -3.5040

Conversions

Conversions Part 2

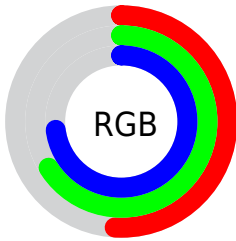
Format	Color
RYB	129, 152, 185
Decimal	8497593
CIELab	67.00, -9.65, -12.60
CIElCh	67, 15.871, 232.557
Yxy	36.6320, 0.2671, 0.3051
Android (android.graphics.Color)	4286687673 (0xFF81A9B9)
YUV	158.8640, 12.8850, -26.1907
Hunter-Lab	60.5244, -11.3192, -7.9626

Details

The CIELCh color `67, 15.871, 232.557` is a light color, and the websafe version is hex `669999`. A complement of this color would be `64, 19.113, 48.213`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 15.911, 232.867`, and `47, 15.762, 232.780` is the 20% darker color. If you saturate the color by 10%, you get `64, 20.423, 234.000`, and if you desaturate by 10%, it is `70, 10.927, 231.427`.

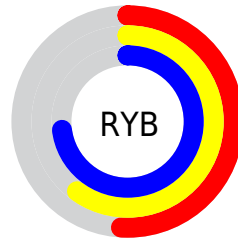
Distribution



Red (51%)

Green (66%)

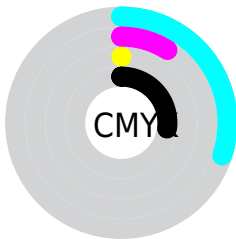
Blue (73%)



Red (51%)

Yellow (60%)

Blue (73%)

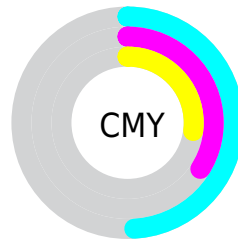


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (49%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.871, 232.557 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 67, 15.871, 232.557 by changing the saturation by 10% instead.


 67, 15.871,
232.557


 67, 15.871,
232.557


 100, 15.871,
232.557


 57, 15.871,
232.557


 87, 15.871,
232.557

 47, 15.871,
232.557

 97, 15.871,
232.557

 37, 15.871,
232.557

 27, 15.871,
232.557

 17, 15.871,
232.557

 7, 15.871, 232.557

 0, 15.871, 232.557

67, 15.871,
232.557

67, 15.871,
232.557

64, 20.423,
234.000

70, 10.927,
231.427

62, 24.520,
235.842

72, 5.663, 230.578

60, 28.107,
238.164

75, 0.141, 233.237

78, 5.580, 49.176

58, 31.161,
241.057

81, 11.451, 48.804

56, 33.704,
244.598

84, 17.429, 48.498

87, 22.140, 50.022

54, 35.819,
248.823

88, 21.973, 58.521

52, 37.678,
253.410

89, 22.301, 66.941

Harmonies

Complementary

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



67, 15.871, 232.557



64, 19.113, 48.213

Rectangle

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



67, 15.871, 232.557



67, 15.871, 282.557



67, 15.871, 52.557



67, 15.871, 102.557

Sweetspot

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



67, 15.871, 232.553



92, 6.151, 230.503



71, 30.395, 151.223



48, 4.258, 230.603



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 15.871, 232.553



83, 22.824, 233.429



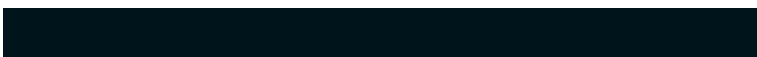
59, 25.039, 283.674



37, 3.116, 230.516



44, 32.943, 252.677



5, 8.624, 242.975

Inverse Universe

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



61, 30.631, 335.844



74, 44.839, 336.346



71, 24.284, 95.830



36, 5.657, 334.303



34, 64.563, 343.575



3, 14.236, 338.525

Previews

White Background



This preview shows how the CIELCh color 67, 15.871, 232.557 looks on a white background.

Color Contrast Check

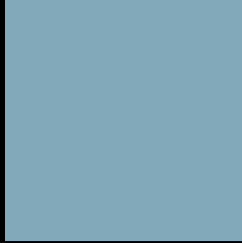
Large Text (above 18pt) WCAG AA × Fail

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 67, 15.871, 232.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

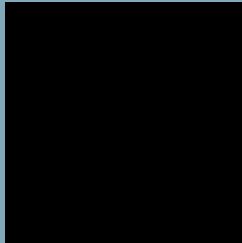
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

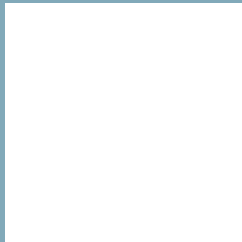
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.871, 232.557

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.871, 232.557.



This preview shows how white text looks on a background with the CIELCh color 67, 15.871, 232.557.

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

67, 15.871, 232.557

Protanopia

67, 10.516, 289.298

Deuteranopia

67, 15.814, 302.200



Tritanopia
67, 15.445, 226.282

Trichromacy



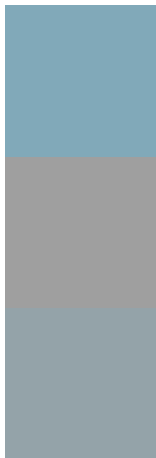
Original Color
67, 15.871, 232.557

Protanomaly
67, 11.146, 262.769

Deuteranomaly
67, 13.104, 275.895

Tritanomaly
67, 15.653, 228.210

Monochromacy



Original Color
67, 15.871, 232.557

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.346, 230.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.871, 232.557 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(129, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(129, 169, 185)  
}
```

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(129, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 169, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.871, 232.557 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(129, 169, 185) }
```

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

```
.border{ border-color:rgb(129, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(129, 169,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.871, 232.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 169, 185) }
```

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

```
.background{ background-color: rgb(129,  
169, 185) }
```

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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