

Converting Colors

CIELCh(67, 15.703, 229.215)

Have a look what the booklet for
CIELCh(67, 15.703, 229.215)
contains.

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Color

CIELCh(67, 15.625, 230.713)

Conversions

Conversions Part 1

Format	Color
Hex	81A9B8
RGB	129, 169, 184
RGB Percent	51%, 66%, 72%
CMY	0.4931, 0.3362, 0.2774
CMYK	0.30, 0.08, 0.00, 0.28
HSL	196°, 28%, 61%
HSV	196°, 30%, 72%
XYZ	32.0081, 36.6320, 50.8768
YIQ	158.7500, -28.6550, -3.8150

Conversions

Conversions Part 2

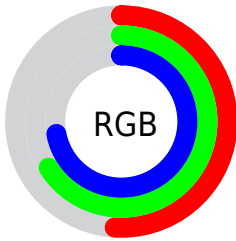
Format	Color
RYB	129, 152, 184
Decimal	8497592
CIELab	67.00, -9.89, -12.09
CIELCh	67, 15.625, 230.713
Yxy	36.6320, 0.2678, 0.3065
Android (android.graphics.Color)	4286687672 (0xFF81A9B8)
YUV	158.7500, 12.4482, -26.0907
Hunter-Lab	60.5244, -11.5185, -7.4721

Details

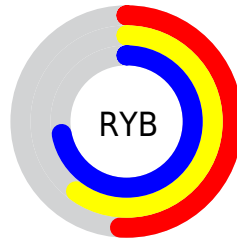
The CIELCh color `67, 15.625, 230.713` is a light color, and the websafe version is hex `669999`. A complement of this color would be `63, 18.843, 46.820`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 15.666, 231.156`, and `47, 15.512, 230.744` is the 20% darker color. If you saturate the color by 10%, you get `65, 20.152, 232.059`, and if you desaturate by 10%, it is `70, 10.697, 229.668`.

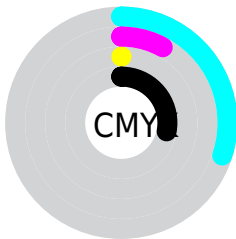
Distribution



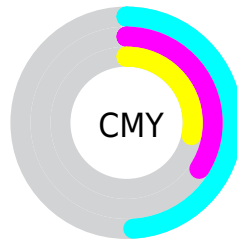
- Red (51%)
- Green (66%)
- Blue (72%)



- Red (51%)
- Yellow (60%)
- Blue (72%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)





- Cyan (49%)
- Magenta (34%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.625, 230.713 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, 15.625, 230.713 by changing the saturation by 10% instead.


 67, 15.625,
230.713


 67, 15.625,
230.713


 100, 15.625,
230.713


 57, 15.625,
230.713


 87, 15.625,
230.713

 47, 15.625,
230.713

 97, 15.625,
230.713

 37, 15.625,
230.713

 27, 15.625,
230.713

 17, 15.625,
230.713

 7, 15.625, 230.713

 0, 15.625, 230.713

67, 15.625,
230.713

67, 15.625,
230.713

65, 20.152,
232.059

70, 10.697,
229.668

62, 24.209,
233.789

72, 5.440, 228.896

75, 0.080, 42.074

60, 27.740,
235.984

78, 5.803, 47.615

58, 30.715,
238.734

81, 11.678, 47.294

56, 33.149,
242.122

83, 17.665, 47.035

86, 22.561, 48.237

54, 35.118,
246.194

87, 22.285, 56.157

52, 36.830,
250.781

88, 22.450, 64.104

52, 36.856,

250.848

Harmonies

Complementary

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



67, 15.625, 230.713



63, 18.843, 46.820

Rectangle

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



67, 15.625, 230.713



67, 15.625, 280.713



67, 15.625, 50.713



67, 15.625, 100.713

Sweetspot

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



67, 15.625, 230.708



92, 6.163, 228.853



70, 30.267, 150.639



48, 4.266, 228.943



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, 15.625, 230.708



83, 22.809, 231.581



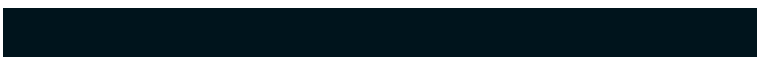
59, 24.110, 282.598



37, 3.122, 228.864



45, 32.369, 250.147



5, 8.582, 241.021

Inverse Universe

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



61, 30.387, 335.271



74, 45.234, 335.792



70, 23.500, 94.772



36, 5.710, 333.787



34, 65.120, 342.671



3, 14.397, 337.809

Previews

White Background



This preview shows how the CIELCh color 67, 15.625, 230.713 looks on a white background.

Color Contrast Check

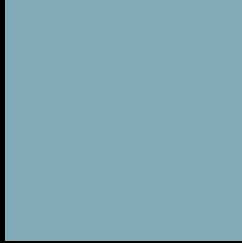
Large Text (above 18pt) WCAG AA × Fail

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 67, 15.625, 230.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

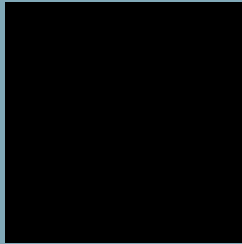
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

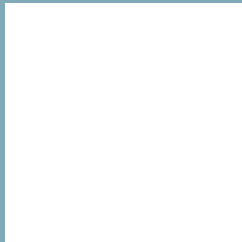
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.625, 230.713

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.625, 230.713.



This preview shows how white text looks on a background with the CIELCh color 67, 15.625, 230.713.

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, 15.625, 230.713

Protanopia
67, 9.962, 291.211

Deuteranopia
67, 16.444, 303.121



Tritanopia
67, 15.394, 228.814

Trichromacy



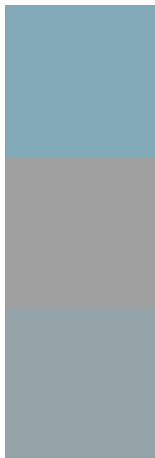
Original Color
67, 15.625, 230.713

Protanomaly
67, 10.672, 261.236

Deuteranomaly
67, 13.572, 278.048

Tritanomaly
67, 15.394, 228.814

Monochromacy



Original Color
67, 15.625, 230.713

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.100, 226.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.625, 230.713 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(129, 169, 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(129, 169, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 169, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.625, 230.713 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, 184) }
```

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

```
.border{ border-color:rgb(129, 169, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 169, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 169, 184);  
box-shadow:4px 4px 4px 4px rgb(129, 169,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.625, 230.713 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, 184) }
```

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

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