

Converting Colors

CIELCh(67, 15.792, 235.201)

Have a look what the booklet for
CIELCh(67, 15.792, 235.201)
contains.

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Color

CIELCh(67, 15.884, 235.008)

Conversions

Conversions Part 1

Format	Color
Hex	82A9BA
RGB	130, 169, 186
RGB Percent	51%, 66%, 73%
CMY	0.4905, 0.3375, 0.2709
CMYK	0.30, 0.09, 0.00, 0.27
HSL	198°, 29%, 62%
HSV	198°, 30%, 73%
XYZ	32.2253, 36.6320, 51.7861
YIQ	159.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

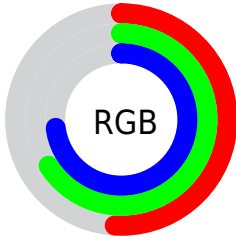
Format	Color
RYB	130, 153, 186
Decimal	8563130
CIELab	67.00, -9.11, -13.01
CIElCh	67, 15.884, 235.008
Yxy	36.6320, 0.2671, 0.3036
Android (android.graphics.Color)	4286753210 (0xFF82A9BA)
YUV	159.2770, 13.1744, -25.6759
Hunter-Lab	60.5244, -10.8780, -8.3629

Details

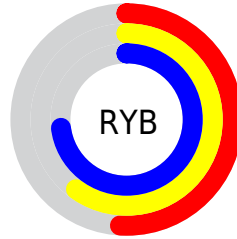
The CIELCh color **67, 15.884, 235.008** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 18.991, 50.167**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.920, 235.187**, and **47, 16.029, 234.753** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.500, 236.555**, and if you desaturate by 10%, it is **70, 10.897, 233.785**.

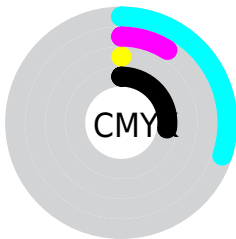
Distribution



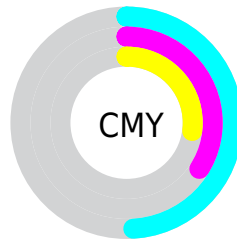
- Red (51%)
- Green (66%)
- Blue (73%)



- 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, 15.884, 235.008 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, 15.884, 235.008 by changing the saturation by 10% instead.

■ 67, 15.884,
235.008

■ 67, 15.884,
235.008

■ 100, 15.884,
235.008

■ 57, 15.884,
235.008

■ 87, 15.884,
235.008

■ 47, 15.884,
235.008

■ 97, 15.884,
235.008

■ 37, 15.884,
235.008

■ 27, 15.884,
235.008

■ 17, 15.884,
235.008

■ 7, 15.884, 235.008

■ 0, 15.884, 235.008

67, 15.884,
235.008

67, 15.884,
235.008

64, 20.500,
236.555

70, 10.897,
233.785

62, 24.685,
238.513

73, 5.605, 232.853

75, 0.070, 238.815

59, 28.390,
240.964

78, 5.654, 51.309

57, 31.597,
243.996

81, 11.519, 50.873

55, 34.334,
247.681

84, 17.485, 50.509

87, 21.770, 52.786

53, 36.687,
252.040

88, 21.789, 61.976

51, 38.847,
256.797

90, 22.370, 70.892

Harmonies

Complementary

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



67, 15.884, 235.008



64, 18.991, 50.167

Rectangle

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



67, 15.884, 235.008



67, 15.884, 285.008



67, 15.884, 55.008



67, 15.884, 105.008

Sweetspot

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



67, 15.884, 235.004



92, 6.195, 232.779



71, 29.985, 151.872



49, 4.326, 232.892



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 15.884, 235.004



83, 23.077, 235.967



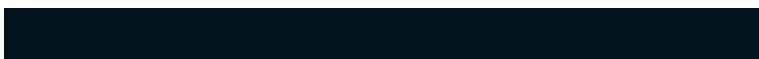
59, 25.520, 284.621



37, 3.112, 232.793



43, 33.827, 256.034



5, 8.697, 245.577

Inverse Universe

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



61, 30.234, 336.596



74, 44.685, 337.126



71, 24.649, 96.915



36, 5.586, 335.027



34, 63.830, 344.852



3, 14.022, 339.517

Previews

White Background



This preview shows how the CIELCh color 67, 15.884, 235.008 looks on a white background.

Color Contrast Check

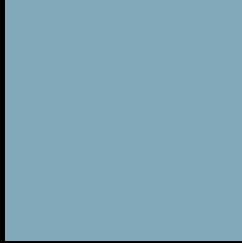
Large Text (above 18pt) WCAG AA × Fail

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, 15.884, 235.008 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

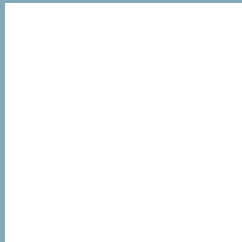
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.884, 235.008

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.884, 235.008.



This preview shows how white text looks on a background with the CIELCh color 67, 15.884, 235.008.

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, 15.884, 235.008

Protanopia

67, 11.068, 289.457

Deuteranopia

67, 16.296, 300.633



Tritanopia
67, 15.394, 228.814

Trichromacy



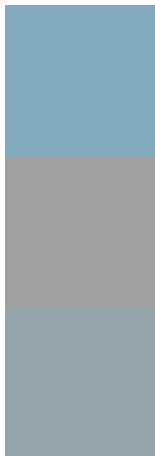
Original Color
67, 15.884, 235.008

Protanomaly
67, 11.627, 264.181

Deuteranomaly
67, 13.633, 276.612

Tritanomaly
67, 15.625, 230.713

Monochromacy



Original Color
67, 15.884, 235.008

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, 15.884, 235.008 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(130, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 169, 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(130, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 169, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.884, 235.008 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(130, 169, 186) }
```

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

```
.border{ border-color:rgb(130, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 169,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.884, 235.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 169, 186) }
```

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

```
.background{ background-color: rgb(130,  
169, 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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