

Converting Colors

CIELCh(63, 14.221, 236.425)

Have a look what the booklet for
CIELCh(63, 14.221, 236.425)
contains.

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Color

CIELCh(63, 14.169, 235.099)

Conversions

Conversions Part 1

Format	Color
Hex	7C9EAD
RGB	124, 158, 173
RGB Percent	49%, 62%, 68%
CMY	0.5152, 0.3818, 0.3231
CMYK	0.28, 0.09, 0.00, 0.32
HSL	198°, 23%, 58%
HSV	198°, 28%, 68%
XYZ	27.9288, 31.5869, 43.9679
YIQ	149.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

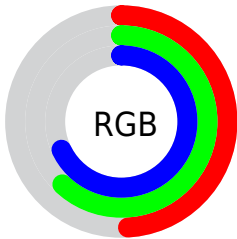
Format	Color
RYB	124, 144, 173
Decimal	8167085
CIELab	63.00, -8.11, -11.62
CIELCh	63, 14.169, 235.099
Yxy	31.5869, 0.2699, 0.3052
Android (android.graphics.Color)	4286357165 (0xFF7C9EAD)
YUV	149.5440, 11.5638, -22.4021
Hunter-Lab	56.2022, -9.6513, -7.0419

Details

The CIELCh color `63, 14.169, 235.099` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `60, 16.712, 50.538`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `83, 13.946, 233.543`, and `43, 14.331, 234.536` is the 20% darker color. If you saturate the color by 10%, you get `60, 18.592, 236.583`, and if you desaturate by 10%, it is `66, 9.413, 233.924`.

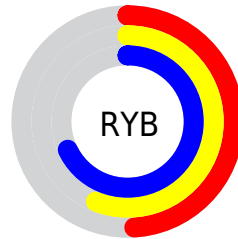
Distribution



Red (49%)

Green (62%)

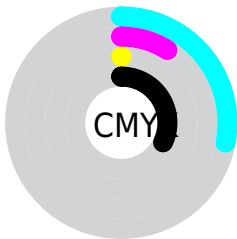
Blue (68%)



Red (49%)

Yellow (56%)

Blue (68%)

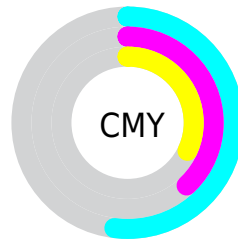


Cyan (28%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (52%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 14.169, 235.099 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 63, 14.169, 235.099 by changing the saturation by 10% instead.


 63, 14.169,
235.099


 63, 14.169,
235.099


 100, 14.169,
235.099


 53, 14.169,
235.099


 83, 14.169,
235.099

 43, 14.169,
235.099

 93, 14.169,
235.099

 33, 14.169,
235.099

 23, 14.169,
235.099

 13, 14.169,
235.099

 3, 14.169, 235.099

 0, 14.169, 235.099

63, 14.169,
235.099

63, 14.169,
235.099

60, 18.592,
236.583

66, 9.413, 233.924

58, 22.625,
238.460

68, 4.385, 233.040

71, 0.860, 51.671

56, 26.220,
240.808

74, 6.271, 51.534

54, 29.354,
243.716

77, 11.806, 51.101

80, 17.431, 50.742

51, 32.043,
247.257

82, 23.114, 50.454

50, 34.357,
251.466

85, 26.462, 53.035

86, 26.393, 60.096

48, 36.462,
256.204

47, 36.816,

256.957

Harmonies

Complementary

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



63, 14.169, 235.099



60, 16.712, 50.538

Rectangle

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



63, 14.169, 235.099



63, 14.169, 285.099



63, 14.169, 55.099



63, 14.169, 105.099

Sweetspot

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



63, 14.169, 235.094



86, 5.822, 233.097



66, 26.612, 152.056



45, 4.029, 233.207



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 14.169, 235.094



78, 20.634, 235.979



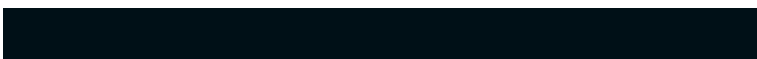
56, 22.570, 284.295



35, 2.968, 233.108



42, 33.096, 256.339



4, 6.470, 243.526

Inverse Universe

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



58, 26.776, 336.554



70, 39.645, 337.055



67, 21.857, 97.142



34, 5.318, 335.126



33, 62.225, 344.973



2, 10.447, 338.482

Previews

White Background



This preview shows how the CIELCh color 63, 14.169, 235.099 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 63, 14.169, 235.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

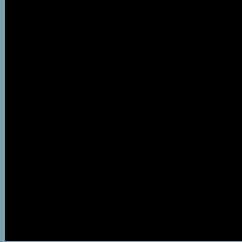
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

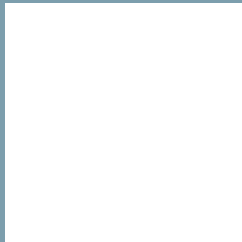
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 14.169, 235.099

Background



This preview shows how black text looks on a background with the CIELCh color 63, 14.169, 235.099.

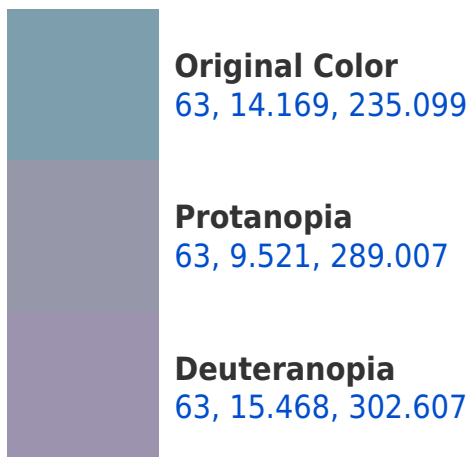


This preview shows how white text looks on a background with the CIELCh color 63, 14.169, 235.099.

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](#).

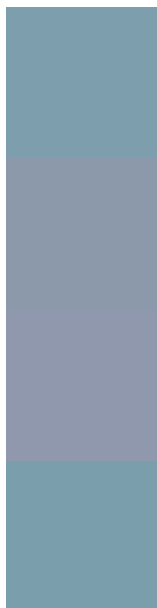
Dichromacy





Tritanopia
63, 13.910, 230.226

Trichromacy



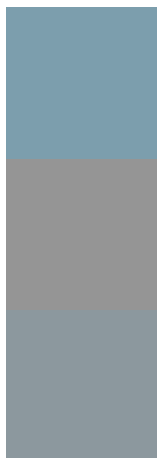
Original Color
63, 14.169, 235.099

Protanomaly
63, 10.484, 264.783

Deuteranomaly
63, 12.572, 278.374

Tritanomaly
63, 14.159, 232.316

Monochromacy



Original Color
63, 14.169, 235.099

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.523, 236.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 14.169, 235.099 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(124, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(124, 158, 173)  
}
```

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(124, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 158, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 14.169, 235.099 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(124, 158, 173) }
```

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

```
.border{ border-color:rgb(124, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(124, 158,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 14.169, 235.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 158, 173) }
```

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

```
.background{ background-color: rgb(124,  
158, 173) }
```

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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