

Converting Colors

CIELCh(63, 14.078, 227.012)

Have a look what the booklet for
CIELCh(63, 14.078, 227.012)
contains.

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Color

CIELCh(63, 13.956, 227.401)

Conversions

Conversions Part 1

Format	Color
Hex	7A9EAA
RGB	122, 158, 170
RGB Percent	48%, 62%, 67%
CMY	0.5208, 0.3796, 0.3325
CMYK	0.28, 0.07, 0.00, 0.33
HSL	195°, 22%, 57%
HSV	195°, 28%, 67%
XYZ	27.5925, 31.5869, 42.7765
YIQ	148.6040, -25.3080, -3.9000

Conversions

Conversions Part 2

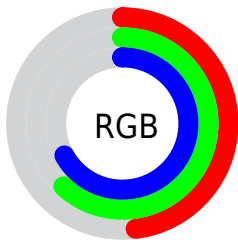
Format	Color
RYB	122, 143, 170
Decimal	8036010
CIELab	63.00, -9.45, -10.27
CIELCh	63, 13.956, 227.401
Yxy	31.5869, 0.2706, 0.3098
Android (android.graphics.Color)	4286226090 (0xFF7A9EAA)
YUV	148.6040, 10.5482, -23.3317
Hunter-Lab	56.2022, -10.7192, -5.7851

Details

The CIELCh color **63, 13.956, 227.401** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **59, 16.716, 44.420**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 13.790, 226.179**, and **43, 14.119, 226.306** is the 20% darker color. If you saturate the color by 10%, you get **61, 18.252, 228.530**, and if you desaturate by 10%, it is **65, 9.277, 226.539**.

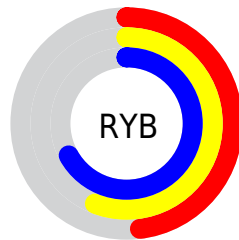
Distribution



Red (48%)

Green (62%)

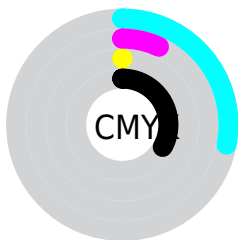
Blue (67%)



Red (48%)

Yellow (56%)

Blue (67%)

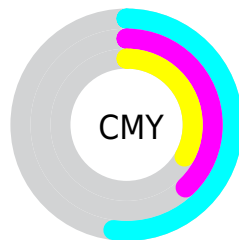


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (33%)



Cyan (52%)


Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.956, 227.401 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, 13.956, 227.401 by changing the saturation by 10% instead.


 63, 13.956,
227.401


 63, 13.956,
227.401


 100, 13.956,
227.401


 53, 13.956,
227.401


 83, 13.956,
227.401

 43, 13.956,
227.401

 93, 13.956,
227.401

 33, 13.956,
227.401

 23, 13.956,
227.401

 13, 13.956,
227.401

 3, 13.956, 227.401

 0, 13.956, 227.401

63, 13.956,
227.401

63, 13.956,
227.401

61, 18.252,
228.530

65, 9.277, 226.539

59, 22.095,
230.005

68, 4.286, 225.937

70, 0.955, 44.843

57, 25.424,
231.897

73, 6.387, 44.896

55, 28.200,
234.295

75, 11.962, 44.669

78, 17.641, 44.499

53, 30.418,
237.285

81, 23.391, 44.384

52, 32.130,
240.934

83, 27.913, 45.360

84, 27.452, 50.702

50, 33.491,
245.172

50, 33.740,

245.931

Harmonies

Complementary

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



63, 13.956, 227.401



59, 16.716, 44.420

Rectangle

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



63, 13.956, 227.401



63, 13.956, 277.401



63, 13.956, 47.401



63, 13.956, 97.401

Sweetspot

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



63, 13.956, 227.396



86, 5.186, 225.934



66, 27.496, 149.606



46, 3.702, 226.004



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, 13.956, 227.396



79, 20.421, 228.088



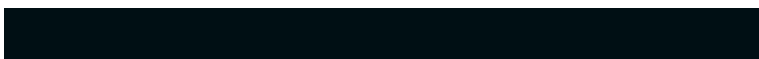
56, 20.455, 280.142



34, 2.922, 225.987



43, 30.337, 245.345



4, 5.382, 233.980

Inverse Universe

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



57, 27.344, 334.215



70, 40.804, 334.684



65, 20.156, 92.675



33, 5.400, 332.900



33, 63.786, 341.069



2, 9.310, 335.078

Previews

White Background



This preview shows how the CIE LCh color 63, 13.956, 227.401 looks on a white background.

Color Contrast Check

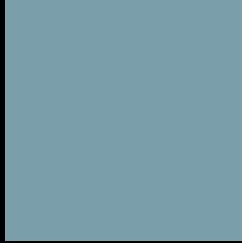
Large Text (above 18pt) WCAG AA × Fail

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, 13.956, 227.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

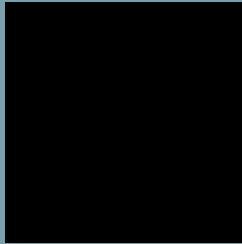
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 13.956, 227.401

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.956, 227.401.

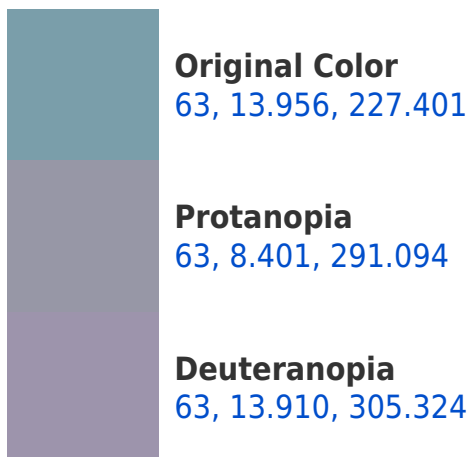


This preview shows how white text looks on a background with the CIELCh color 63, 13.956, 227.401.

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](#).

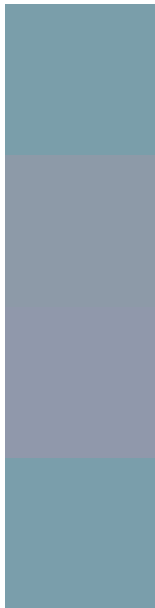
Dichromacy





Tritanopia
63, 14.181, 229.534

Trichromacy



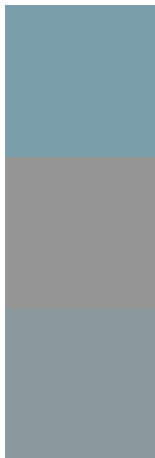
Original Color
63, 13.956, 227.401

Protanomaly
63, 9.027, 259.630

Deuteranomaly
63, 10.953, 276.077

Tritanomaly
63, 14.181, 229.534

Monochromacy



Original Color
63, 13.956, 227.401

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.532, 229.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.956, 227.401 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(122, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(122, 158, 170)  
}
```

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(122, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.956, 227.401 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(122, 158, 170) }
```

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

```
.border{ border-color:rgb(122, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(122, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.956, 227.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 158, 170) }
```

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

```
.background{ background-color: rgb(122,  
158, 170) }
```

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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