

Converting Colors

CIELCh(63, 10.853, 252.248)

Have a look what the booklet for
CIELCh(63, 10.853, 252.248)
contains.

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Color

CIELCh(63, 10.623, 251.454)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 889BAA |
| RGB | 136, 155, 170 |
| RGB Percent | 53%, 61%, 67% |
| CMY | 0.4666, 0.3921, 0.3333 |
| CMYK | 0.20, 0.09, 0.00, 0.33 |
| HSL | 206°, 17%, 60% |
| HSV | 206°, 20%, 67% |
| XYZ | 29.1376, 31.5869, 42.6000 |
| YIQ | 151.0290, -16.1390, 0.6370 |

Conversions

Conversions Part 2

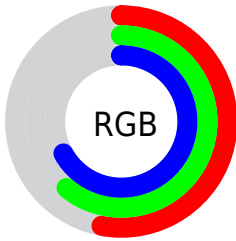
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 136, 148, 170 |
| Decimal | 8952746 |
| CIE _{Lab} | 63.00, -3.38, -10.07 |
| CIE _{LCh} | 63, 10.623, 251.454 |
| Yxy | 31.5869, 0.2820, 0.3057 |
| Android (android.graphics.Color) | 4287142826 (0xFF889BAA) |
| YUV | 151.0290, 9.3527, -13.1804 |
| Hunter-Lab | 56.2022, -5.8122, -5.5988 |

Details

The CIELCh color $63, 10.623, 251.454$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 11.407, 66.546$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 10.541, 252.729$, and $43, 10.575, 252.032$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.736, 253.155$, and if you desaturate by 10%, it is $66, 5.368, 250.049$.

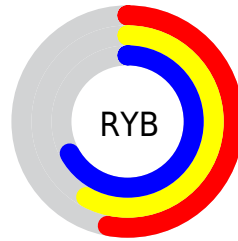
Distribution



Red (53%)

Green (61%)

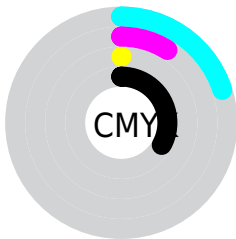
Blue (67%)



Red (53%)

Yellow (58%)

Blue (67%)

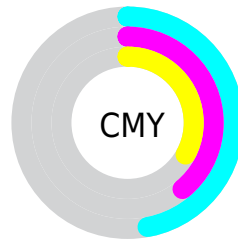


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (47%)


Magenta (39%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 10.623, 251.454 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, 10.623, 251.454 by changing the saturation by 10% instead.


 63, 10.623,
251.454


 63, 10.623,
251.454


 100, 10.623,
251.454


 53, 10.623,
251.454


 83, 10.623,
251.454

 43, 10.623,
251.454

 93, 10.623,
251.454

 33, 10.623,
251.454

 23, 10.623,
251.454

 13, 10.623,
251.454

 3, 10.623, 251.454

 0, 10.623, 251.454

63, 10.623,
251.454

63, 10.623,
251.454

60, 15.736,
253.155

66, 5.368, 250.049

57, 20.679,
255.217

70, 0.008, 303.456

73, 5.438, 67.706

53, 25.427,
257.698

76, 10.933, 66.884

50, 29.972,
260.661

80, 16.459, 66.165

83, 21.997, 65.542

48, 34.332,
264.153

87, 27.521, 65.018

45, 38.558,
268.181

88, 28.490, 74.234

90, 30.151, 82.592

42, 42.742,
272.680

40, 47.030,

277.329

■ 40, 47.031,
277.330

Harmonies

Complementary

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



63, 10.623, 251.454



64, 11.407, 66.546

Rectangle

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



63, 10.623, 251.454



63, 10.623, 301.454



63, 10.623, 71.454



63, 10.623, 121.454

Sweetspot

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



63, 10.622, 251.447



86, 4.016, 249.600



67, 16.751, 158.596



46, 2.684, 249.667



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, 10.622, 251.447



79, 15.746, 252.165



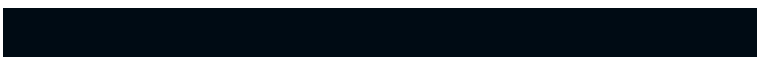
58, 18.039, 289.684



34, 3.016, 249.960



35, 42.025, 276.725



3, 5.837, 257.218

Inverse Universe

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



60, 16.961, 342.216



75, 25.341, 342.624



68, 17.349, 105.348



33, 4.715, 341.286



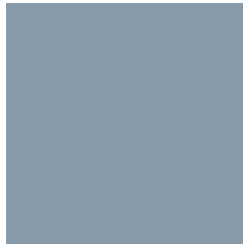
32, 57.446, 355.843



2, 8.084, 344.559

Previews

White Background



This preview shows how the CIELCh color 63, 10.623, 251.454 looks on a white background.

Color Contrast Check

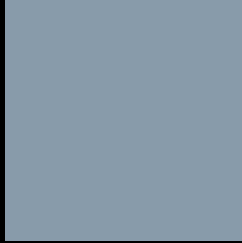
Large Text (above 18pt) WCAG AA × Fail

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 63, 10.623, 251.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

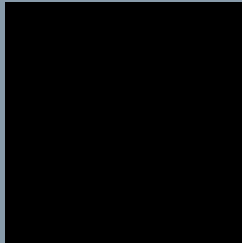
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

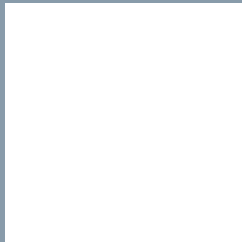
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 10.623, 251.454

Background



This preview shows how black text looks on a background with the CIELCh color 63, 10.623, 251.454.



This preview shows how white text looks on a background with the CIELCh color 63, 10.623, 251.454.

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

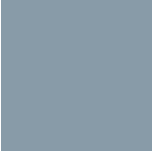
63, 10.623, 251.454

Protanopia

63, 9.521, 289.007

Deuteranopia

63, 13.465, 307.404



Tritanopia
63, 9.818, 247.010

Trichromacy



Original Color
63, 10.623, 251.454

Protanomaly
63, 9.794, 276.179

Deuteranomaly
63, 11.198, 289.530

Tritanomaly
63, 10.213, 249.318

Monochromacy



Original Color
63, 10.623, 251.454

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 4.010, 256.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 10.623, 251.454 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(136, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 155, 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(136, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 155, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 10.623, 251.454 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(136, 155, 170) }
```

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

```
.border{ border-color:rgb(136, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 155,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 10.623, 251.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 155, 170) }
```

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

```
.background{ background-color: rgb(136,  
155, 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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