

Converting Colors

CIELCh(63, 10.986, 203.934)

Have a look what the booklet for
CIELCh(63, 10.986, 203.934)
contains.

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Color

CIELCh(63, 10.872, 204.427)

Conversions

Conversions Part 1

Format	Color
Hex	809EA0
RGB	128, 158, 160
RGB Percent	50%, 62%, 63%
CMY	0.4980, 0.3803, 0.3725
CMYK	0.20, 0.01, 0.00, 0.37
HSL	184°, 14%, 56%
HSV	184°, 20%, 63%
XYZ	27.4795, 31.5869, 37.9122
YIQ	149.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

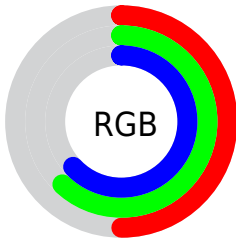
Format	Color
RYB	128, 143, 160
Decimal	8429216
CIELab	63.00, -9.90, -4.50
CIELCh	63, 10.872, 204.427
Yxy	31.5869, 0.2834, 0.3257
Android (android.graphics.Color)	4286619296 (0xFF809EA0)
YUV	149.2580, 5.2958, -18.6433
Hunter-Lab	56.2022, -11.0781, -0.6535

Details

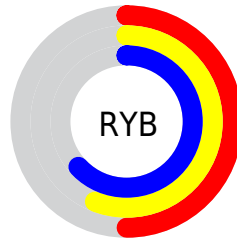
The CIELCh color $63, 10.872, 204.427$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $57, 12.407, 25.872$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.103, 204.156$, and $43, 10.986, 204.494$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.747, 204.235$, and if you desaturate by 10%, it is $64, 5.594, 204.713$.

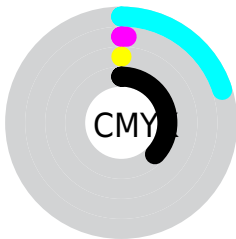
Distribution



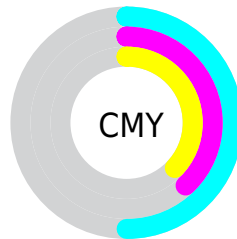
- Red (50%)
- Green (62%)
- Blue (63%)



- Red (50%)
- Yellow (56%)
- Blue (63%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)





- Cyan (50%)
- Magenta (38%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 10.872, 204.427 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, 10.872, 204.427 by changing the saturation by 10% instead.


 63, 10.872,
204.427


 63, 10.872,
204.427


 100, 10.872,
204.427


 53, 10.872,
204.427


 83, 10.872,
204.427

 43, 10.872,
204.427

 93, 10.872,
204.427

 33, 10.872,
204.427

 23, 10.872,
204.427

 13, 10.872,
204.427

 3, 10.872, 204.427

 0, 10.872, 204.427

63, 10.872,
204.427

63, 10.872,
204.427

62, 15.747,
204.235

64, 5.594, 204.713

61, 20.127,
204.155

66, 0.008, 307.858

67, 5.839, 25.229

60, 23.926,
204.194

69, 11.851, 25.673

59, 27.068,
204.373

71, 17.981, 26.118

73, 24.183, 26.574

58, 29.498,
204.711

75, 30.422, 27.039

57, 31.195,
205.228

77, 36.248, 27.529

77, 35.932, 28.347

57, 32.182,
205.941

56, 32.653,

206.816

■ 56, 32.653,
206.816

Harmonies

Complementary

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



63, 10.872, 204.427



57, 12.407, 25.872

Rectangle

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



63, 10.872, 204.427



63, 10.872, 254.427



63, 10.872, 24.427



63, 10.872, 74.427

Sweetspot

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



63, 10.872, 204.420



83, 4.215, 204.880



63, 21.141, 144.542



43, 2.786, 204.850



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 10.872, 204.420



80, 15.986, 204.325



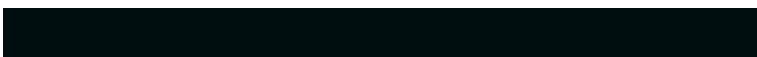
59, 11.116, 263.502



33, 3.139, 204.741



51, 30.062, 206.706



3, 4.154, 206.293

Inverse Universe

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



57, 20.984, 327.262



71, 31.324, 327.512



61, 11.520, 78.114



31, 5.850, 326.649



33, 71.532, 330.825



1, 7.539, 326.566

Previews

White Background



This preview shows how the CIELCh color 63, 10.872, 204.427 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, 10.872, 204.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

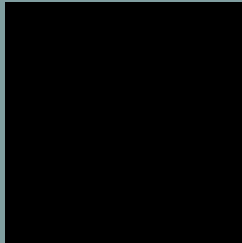
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

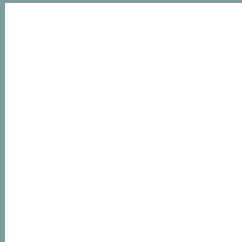
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 10.872, 204.427

Background



This preview shows how black text looks on a background with the CIELCh color 63, 10.872, 204.427.

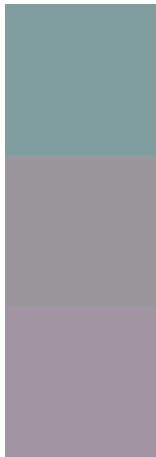


This preview shows how white text looks on a background with the CIELCh color 63, 10.872, 204.427.

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, 10.872, 204.427

Protanopia
63, 3.043, 312.571

Deuteranopia
63, 9.514, 324.882



Tritanopia
63, 11.488, 234.656

Trichromacy



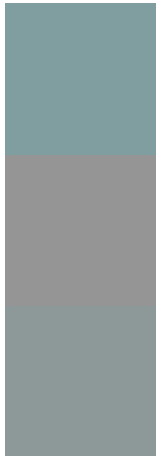
Original Color
63, 10.872, 204.427

Protanomaly
63, 3.744, 225.913

Deuteranomaly
63, 5.081, 282.270

Tritanomaly
63, 11.023, 225.965

Monochromacy



Original Color
63, 10.872, 204.427

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.175, 206.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 10.872, 204.427 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(128, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 160)  
}
```

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(128, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 10.872, 204.427 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(128, 158, 160) }
```

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

```
.border{ border-color:rgb(128, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 10.872, 204.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 160) }
```

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

```
.background{ background-color: rgb(128,  
158, 160) }
```

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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