

Converting Colors

CIELCh(63, 11.232, 285.838)

Have a look what the booklet for
CIELCh(63, 11.232, 285.838)
contains.

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Color

CIELCh(63, 11.232, 285.838)

Conversions

Conversions Part 1

Format	Color
Hex	9497AB
RGB	148, 151, 171
RGB Percent	58%, 59%, 67%
CMY	0.4177, 0.4060, 0.3275
CMYK	0.13, 0.12, 0.00, 0.33
HSL	232°, 12%, 63%
HSV	232°, 13%, 67%
XYZ	30.8406, 31.5869, 43.2447
YIQ	152.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

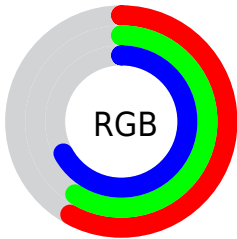
Format	Color
RYB	148, 151, 171
Decimal	9738155
CIELab	63.00, 3.07, -10.81
CIELCh	63, 11.232, 285.838
Yxy	31.5869, 0.2919, 0.2989
Android (android.graphics.Color)	4287928235 (0xFF9497AB)
YUV	152.3830, 9.1782, -3.8439
Hunter-Lab	56.2022, -0.4034, -6.2790

Details

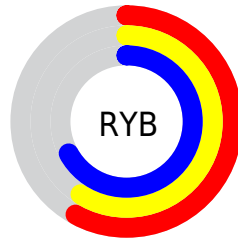
The CIELCh color $63, 11.232, 285.838$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.995, 102.853$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.145, 285.786$, and $43, 11.484, 286.123$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.933, 287.209$, and if you desaturate by 10%, it is $68, 2.820, 284.682$.

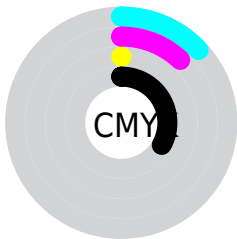
Distribution



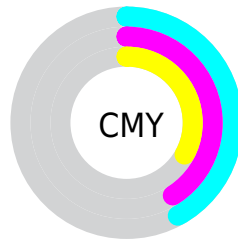
- Red (58%)
- Green (59%)
- Blue (67%)



- Red (58%)
- Yellow (59%)
- Blue (67%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)





- Cyan (42%)
- Magenta (41%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 11.232, 285.838 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, 11.232, 285.838 by changing the saturation by 10% instead.


 63, 11.232,
285.838


 63, 11.232,
285.838


 100, 11.232,
285.838


 53, 11.232,
285.838


 83, 11.232,
285.838

 43, 11.232,
285.838

 93, 11.232,
285.838

 33, 11.232,
285.838

 23, 11.232,
285.838

 13, 11.232,
285.838

 3, 11.232, 285.838

 0, 11.232, 285.838

63, 11.232,
285.838

63, 11.232,
285.838

58, 19.933,
287.209

68, 2.820, 284.682

52, 28.953,
288.820

74, 5.319, 103.611

47, 38.317,
290.697

79, 13.207,
102.750

42, 48.042,
292.857

84, 20.857,
101.997

37, 58.101,
295.287

89, 28.283,
101.340

32, 68.355,
297.910

94, 35.498,
100.764

27, 78.411,
300.561

98, 41.808,
106.985

24, 87.471,

302.981

■ 22, 92.399,
304.238

Harmonies

Complementary

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



63, 11.232, 285.838



69, 10.995, 102.853

Rectangle

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



63, 11.232, 285.838



63, 11.232, 335.838



63, 11.232, 105.838



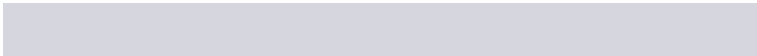
63, 11.232, 155.838

Sweetspot

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



63, 11.231, 285.834



86, 4.072, 284.747



68, 8.642, 187.426



45, 2.919, 284.824



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, 11.231, 285.834



78, 16.589, 286.205



63, 13.315, 304.997



34, 4.750, 285.331



19, 83.298, 304.024



1, 10.163, 285.493

Inverse Universe

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



64, 9.199, 9.842



79, 13.641, 10.145



69, 13.009, 123.603



34, 3.868, 9.422



31, 65.052, 33.315



2, 7.910, 10.627

Previews

White Background



This preview shows how the CIELCh color 63, 11.232, 285.838 looks on a white background.

Color Contrast Check

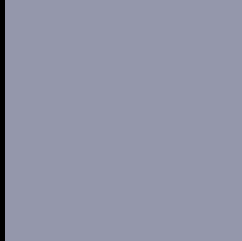
Large Text (above 18pt) WCAG AA × Fail

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, 11.232, 285.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

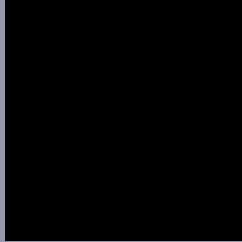
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 11.232, 285.838

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.232, 285.838.



This preview shows how white text looks on a background with the CIELCh color 63, 11.232, 285.838.

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

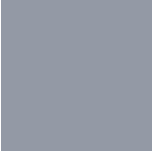
63, 11.232, 285.838

Protanopia

63, 11.209, 287.679

Deuteranopia

63, 14.003, 306.796



Tritanopia
63, 7.022, 272.567

Trichromacy



Original Color
63, 11.232, 285.838

Protanomaly
63, 11.209, 287.679

Deuteranomaly
63, 13.116, 301.183

Tritanomaly
63, 8.493, 281.146

Monochromacy



Original Color
63, 11.232, 285.838

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.489, 285.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.232, 285.838 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(148, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 171)  
}
```

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(148, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.232, 285.838 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(148, 151, 171) }
```

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

```
.border{ border-color:rgb(148, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.232, 285.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 171) }
```

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

```
.background{ background-color: rgb(148,  
151, 171) }
```

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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