

Converting Colors

CIELCh(63, 11.605, 350.457)

Have a look what the booklet for
CIELCh(63, 11.605, 350.457)
contains.

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Color

CIELCh(63, 11.552, 351.750)

Conversions

Conversions Part 1

Format	Color
Hex	AC929C
RGB	172, 146, 156
RGB Percent	67%, 57%, 61%
CMY	0.3267, 0.4286, 0.3895
CMYK	0.00, 0.15, 0.09, 0.33
HSL	337°, 13%, 62%
HSV	337°, 15%, 67%
XYZ	33.1490, 31.5869, 35.6638
YIQ	154.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

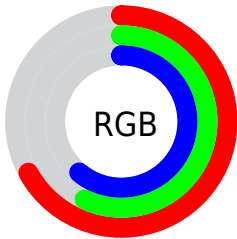
Format	Color
R_{YB}	172, 146, 156
Decimal	11309724
CIE _{Lab}	63.00, 11.43, -1.66
CIE _{LCh}	63, 11.552, 351.750
Yxy	31.5869, 0.3302, 0.3146
Android (android.graphics.Color)	4289499804 (0xFFAC929C)
YUV	154.9140, 0.5354, 14.9844
Hunter-Lab	56.2022, 6.9282, 1.7184

Details

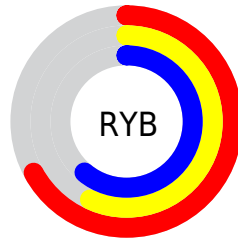
The CIELCh color $63, 11.552, 351.750$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 11.196, 169.035$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.575, 353.251$, and $43, 12.047, 351.316$ is the 20% darker color. If you saturate the color by 10%, you get $58, 19.435, 352.864$, and if you desaturate by 10%, it is $68, 3.859, 350.724$.

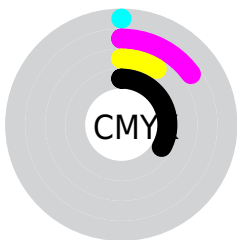
Distribution



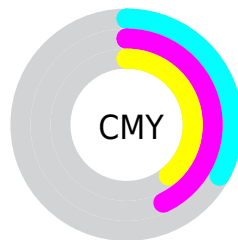
- Red (67%)
- Green (57%)
- Blue (61%)



- Red (67%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 11.552, 351.750 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, 11.552, 351.750 by changing the saturation by 10% instead.


 63, 11.552,
351.750


 63, 11.552,
351.750


 100, 11.552,
351.750


 53, 11.552,
351.750


 83, 11.552,
351.750

 43, 11.552,
351.750

 93, 11.552,
351.750

 33, 11.552,
351.750

 23, 11.552,
351.750

 13, 11.552,
351.750

 3, 11.552, 351.750

 0, 11.552, 351.750

63, 11.552,
351.750

63, 11.552,
351.750

58, 19.435,
352.864

68, 3.859, 350.724

54, 27.396,
354.139

73, 3.576, 170.083

50, 35.243,
355.642

77, 10.726,
169.239

46, 42.702,
357.458

82, 17.586,
168.525

43, 49.419,
359.701

87, 24.166,
167.881

40, 55.017, 2.521

92, 30.482,
167.291

38, 59.213, 6.091

94, 30.813,
172.363

37, 61.992, 10.545

95, 28.323,
181.977

■ 36, 63.198, 12.846

■ 95, 26.678,
193.058

Harmonies

Complementary

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



63, 11.552, 351.750



68, 11.196, 169.035

Rectangle

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



63, 11.552, 351.750



63, 11.552, 41.750



63, 11.552, 171.750



63, 11.552, 221.750

Sweetspot

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



63, 11.550, 351.754



86, 4.669, 350.719



63, 15.747, 313.111



45, 3.185, 350.793



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, 11.550, 351.754



79, 17.156, 352.094



63, 9.441, 29.000



34, 4.316, 351.158



31, 57.272, 12.221



2, 8.619, 355.015

Inverse Universe

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



63, 11.550, 351.754



79, 17.156, 352.094



68, 8.551, 208.441



34, 4.316, 351.158



31, 57.272, 12.221



2, 8.619, 355.015

Previews

White Background



This preview shows how the CIELCh color 63, 11.552, 351.750 looks on a white background.

Color Contrast Check

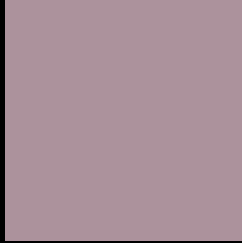
Large Text (above 18pt) WCAG AA × Fail

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, 11.552, 351.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

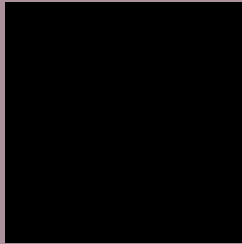
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 11.552, 351.750

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.552, 351.750.



This preview shows how white text looks on a background with the CIELCh color 63, 11.552, 351.750.

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, 11.552, 351.750

Protanopia

63, 3.944, 296.111

Deuteranopia

63, 8.017, 351.037



Tritanopia
63, 11.814, 349.356

Trichromacy



Original Color
63, 11.552, 351.750

Protanomaly
63, 5.918, 330.863

Deuteranomaly
63, 9.314, 351.710

Tritanomaly
63, 11.814, 349.356

Monochromacy



Original Color
63, 11.552, 351.750

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.870, 354.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.552, 351.750 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(172, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 146, 156)  
}
```

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(172, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 146, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.552, 351.750 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(172, 146, 156) }
```

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

```
.border{ border-color:rgb(172, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 146,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.552, 351.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 146, 156) }
```

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

```
.background{ background-color: rgb(172,  
146, 156) }
```

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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