

Converting Colors

CIELCh(63, 7.403, 29.258)

Have a look what the booklet for
CIELCh(63, 7.403, 29.258) contains.

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Color

CIELCh(63, 7.619, 28.438)

Conversions

Conversions Part 1

Format	Color
Hex	A79492
RGB	167, 148, 146
RGB Percent	65%, 58%, 57%
CMY	0.3441, 0.4186, 0.4265
CMYK	0.00, 0.11, 0.13, 0.34
HSL	6°, 11%, 61%
HSV	6°, 13%, 66%
XYZ	31.8296, 31.5869, 31.7169
YIQ	153.4530, 11.9660, 3.4060

Conversions

Conversions Part 2

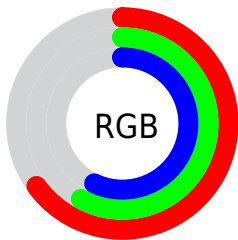
Format	Color
R_{YB}	167, 148, 146
Decimal	10982546
CIE _{Lab}	63.00, 6.70, 3.63
CIE _{LCh}	63, 7.619, 28.438
Yxy	31.5869, 0.3346, 0.3320
Android (android.graphics.Color)	4289172626 (0xFFA79492)
YUV	153.4530, -3.6743, 11.8807
Hunter-Lab	56.2022, 2.7378, 5.8821

Details

The CIELCh color **63, 7.619, 28.438** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 7.025, 207.989**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 7.522, 27.921**, and **43, 7.768, 24.766** is the 20% darker color. If you saturate the color by 10%, you get **59, 14.252, 28.939**, and if you desaturate by 10%, it is **67, 1.491, 27.880**.

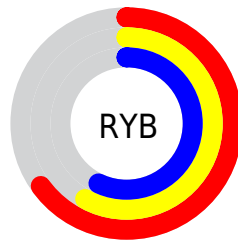
Distribution



Red (65%)

Green (58%)

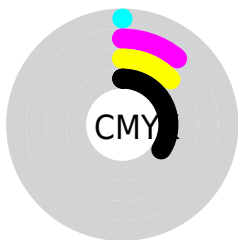
Blue (57%)



Red (65%)

Yellow (58%)

Blue (57%)

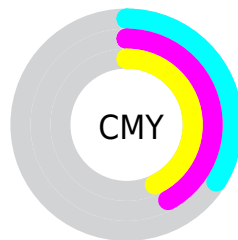


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.619, 28.438 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, 7.619, 28.438 by changing the saturation by 10% instead.

 63, 7.619, 28.438  63, 7.619, 28.438

 100, 7.619, 28.438  53, 7.619, 28.438


 83, 7.619, 28.438  43, 7.619, 28.438

 93, 7.619, 28.438  33, 7.619, 28.438

 23, 7.619, 28.438

 13, 7.619, 28.438

 3, 7.619, 28.438

 0, 7.619, 28.438

 63, 7.619, 28.438  63, 7.619, 28.438

 59, 14.252, 28.939  67, 1.491, 27.880

54, 21.416, 29.603

72, 4.167, 208.127

50, 29.104, 30.514

76, 9.402, 207.950

47, 37.267, 31.738

81, 14.261,
207.883

43, 45.788, 33.336

86, 18.787,
207.873

40, 54.456, 35.321

38, 62.876, 37.573

90, 23.021,
207.902

36, 70.216, 39.636

95, 27.215,
198.642

35, 74.719, 41.137

95, 27.489,
197.723

Harmonies

Complementary

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



63, 7.619, 28.438



66, 7.025, 207.989

Rectangle

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



63, 7.619, 28.438



63, 7.619, 78.438



63, 7.619, 208.438



63, 7.619, 258.438

Sweetspot

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



63, 7.618, 28.452



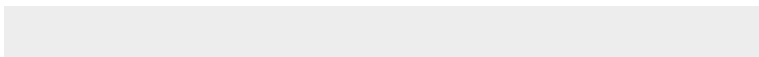
84, 2.895, 28.041



63, 13.435, 327.461



45, 2.080, 28.093



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 7.618, 28.452



78, 11.359, 28.571



66, 7.598, 82.269



33, 3.404, 28.313



31, 67.706, 40.905



2, 6.073, 26.827

Inverse Universe

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



66, 7.025, 207.989



84, 10.281, 207.946



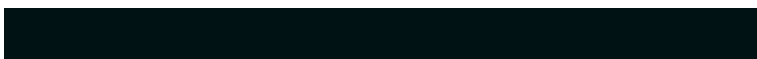
64, 7.487, 265.598



35, 3.209, 208.059



51, 29.883, 212.941



5, 5.833, 211.752

Previews

White Background



This preview shows how the CIELCh color 63, 7.619, 28.438 looks on a white background.

Color Contrast Check

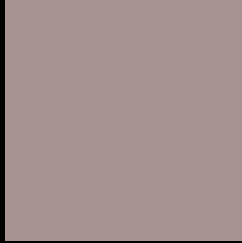
Large Text (above 18pt) WCAG AA × Fail

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, 7.619, 28.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

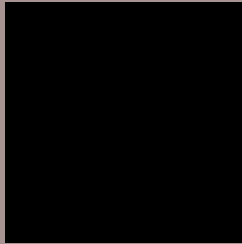
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.619, 28.438

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.619, 28.438.



This preview shows how white text looks on a background with the CIELCh color 63, 7.619, 28.438.

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, 7.619, 28.438

Protanopia

63, 2.706, 74.701

Deuteranopia

63, 9.166, 23.705



Tritanopia
63, 11.144, 343.584

Trichromacy



Original Color
63, 7.619, 28.438

Protanomaly
63, 4.167, 51.866

Deuteranomaly
63, 8.761, 23.826

Tritanomaly
63, 9.073, 354.827

Monochromacy



Original Color
63, 7.619, 28.438

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 2.771, 31.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.619, 28.438 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(167, 148, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 148, 146)  
}
```

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(167, 148, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 148, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.619, 28.438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

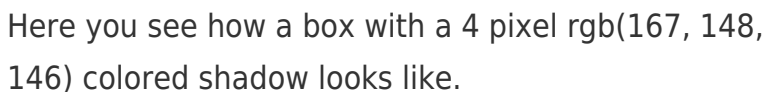
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 148, 146) }
```

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

```
.border{ border-color:rgb(167, 148, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 148, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 148, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 148, 146); box-shadow:4px 4px 4px 4px rgb(167, 148, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.619, 28.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 148, 146) }
```

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

```
.background{ background-color: rgb(167,  
148, 146) }
```

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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