

Converting Colors

CIELCh(63, 12.418, 20.591)

Have a look what the booklet for
CIELCh(63, 12.418, 20.591) contains.

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Color

CIELCh(63, 12.418, 20.591)

Conversions

Conversions Part 1

Format	Color
Hex	B09191
RGB	176, 145, 145
RGB Percent	69%, 57%, 57%
CMY	0.3093, 0.4308, 0.4308
CMYK	0.00, 0.18, 0.18, 0.31
HSL	0°, 16%, 63%
HSV	0°, 18%, 69%
XYZ	33.2033, 31.5869, 31.1894
YIQ	154.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

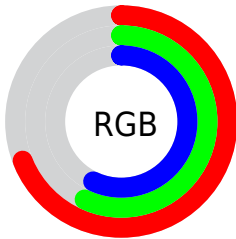
Format	Color
RYB	176, 145, 145
Decimal	11571601
CIELab	63.00, 11.62, 4.37
CIElCh	63, 12.418, 20.591
Yxy	31.5869, 0.3459, 0.3291
Android (android.graphics.Color)	4289761681 (0xFFB09191)
YUV	154.2690, -4.5696, 19.0581
Hunter-Lab	56.2022, 7.1008, 6.4386

Details

The CIELCh color **63, 12.418, 20.591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 11.091, 198.540**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 12.402, 20.324**, and **43, 12.616, 18.395** is the 20% darker color. If you saturate the color by 10%, you get **58, 20.227, 21.594**, and if you desaturate by 10%, it is **68, 5.158, 19.785**.

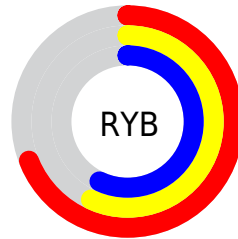
Distribution



Red (69%)

Green (57%)

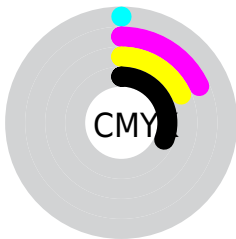
Blue (57%)



Red (69%)

Yellow (57%)

Blue (57%)

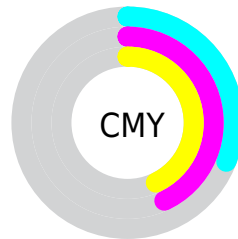


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 12.418, 20.591 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, 12.418, 20.591 by changing the saturation by 10% instead.

■ 63, 12.418, 20.591

■ 63, 12.418, 20.591

■ 100, 12.418,
20.591

■ 53, 12.418, 20.591

■ 83, 12.418, 20.591

■ 43, 12.418, 20.591

■ 93, 12.418, 20.591

■ 33, 12.418, 20.591

■ 23, 12.418, 20.591

■ 13, 12.418, 20.591

■ 3, 12.418, 20.591

■ 0, 12.418, 20.591

■ 63, 12.418, 20.591

■ 63, 12.418, 20.591

■ 58, 20.227, 21.594

■ 68, 5.158, 19.785

53, 28.563, 22.877

73, 1.563, 199.613

49, 37.334, 24.546

78, 7.784, 198.891

45, 46.373, 26.710

83, 13.551,
198.492

42, 55.424, 29.455

89, 18.915,
198.183

39, 64.133, 32.759

38, 71.913, 36.286

94, 23.925,
197.934

37, 77.787, 39.247

95, 25.070,
197.872

36, 79.177, 39.955

Harmonies

Complementary

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



63, 12.418, 20.591



70, 11.091, 198.540

Rectangle

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



63, 12.418, 20.591



63, 12.418, 70.591



63, 12.418, 200.591



63, 12.418, 250.591

Sweetspot

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



63, 12.416, 20.599



88, 4.166, 19.573



64, 20.829, 325.382



46, 2.847, 19.634



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 12.416, 20.599



78, 18.638, 20.946



67, 10.565, 73.259



35, 3.910, 19.921



31, 70.929, 39.528



2, 9.155, 19.412

Inverse Universe

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



70, 11.091, 198.540



88, 16.216, 198.352



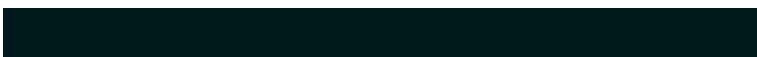
65, 10.100, 257.874



37, 3.690, 198.997



57, 34.221, 196.403



7, 9.136, 199.117

Previews

White Background



This preview shows how the CIELCh color 63, 12.418, 20.591 looks on a white background.

Color Contrast Check

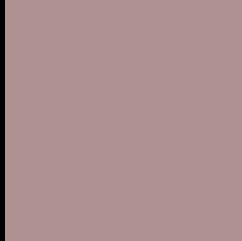
Large Text (above 18pt) WCAG AA × Fail

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, 12.418, 20.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

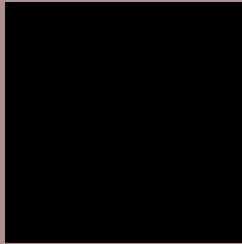
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 12.418, 20.591

Background



This preview shows how black text looks on a background with the CIELCh color 63, 12.418, 20.591.



This preview shows how white text looks on a background with the CIELCh color 63, 12.418, 20.591.

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, 12.418, 20.591

Protanopia

63, 2.270, 66.681

Deuteranopia

63, 9.241, 27.124



Tritanopia
63, 14.273, 355.505

Trichromacy



Original Color
63, 12.418, 20.591

Protanomaly
63, 5.227, 32.071

Deuteranomaly
63, 10.401, 23.423

Tritanomaly
63, 13.587, 4.162

Monochromacy



Original Color
63, 12.418, 20.591

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 4.289, 19.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 12.418, 20.591 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(176, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 145)  
}
```

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(176, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 12.418, 20.591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

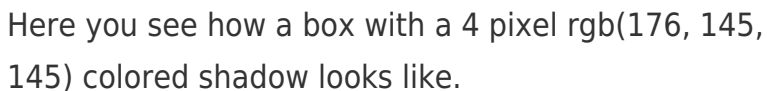
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 145, 145) }
```

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

```
.border{ border-color:rgb(176, 145, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 145, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 145, 145); box-shadow:4px 4px 4px 4px rgb(176, 145, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 12.418, 20.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 145) }
```

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

```
.background{ background-color: rgb(176,  
145, 145) }
```

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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