

Converting Colors

CIELCh(63, 20.027, 5.172)

Have a look what the booklet for
CIELCh(63, 20.027, 5.172) contains.

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Color

CIELCh(63, 19.837, 5.316)

Conversions

Conversions Part 1

Format	Color
Hex	BC8C96
RGB	188, 140, 150
RGB Percent	74%, 55%, 59%
CMY	0.2633, 0.4515, 0.4123
CMYK	0.00, 0.26, 0.20, 0.26
HSL	348°, 26%, 64%
HSV	348°, 26%, 74%
XYZ	35.5557, 31.5869, 33.0193
YIQ	155.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

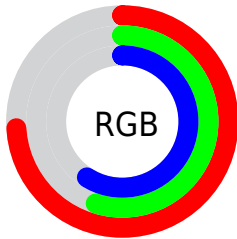
Format	Color
RYB	188, 140, 150
Decimal	12356758
CIELab	63.00, 19.75, 1.84
CIElCh	63, 19.837, 5.316
Yxy	31.5869, 0.3550, 0.3154
Android (android.graphics.Color)	4290546838 (0xFFBC8C96)
YUV	155.4920, -2.7076, 28.5095
Hunter-Lab	56.2022, 14.5719, 4.5082

Details

The CIELCh color **63, 19.837, 5.316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 17.922, 180.285**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 19.788, 5.680**, and **43, 19.593, 6.502** is the 20% darker color. If you saturate the color by 10%, you get **58, 28.152, 6.777**, and if you desaturate by 10%, it is **68, 11.790, 4.100**.

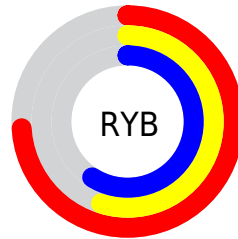
Distribution



Red (74%)

Green (55%)

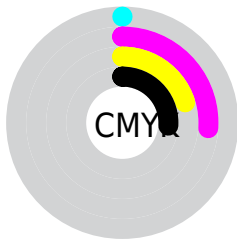
Blue (59%)



Red (74%)

Yellow (55%)

Blue (59%)

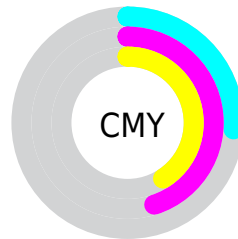


Cyan (0%)

Magenta (26%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 19.837, 5.316 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, 19.837, 5.316 by changing the saturation by 10% instead.

63, 19.837, 5.316

63, 19.837, 5.316

100, 19.837, 5.316

53, 19.837, 5.316

83, 19.837, 5.316

43, 19.837, 5.316

93, 19.837, 5.316

33, 19.837, 5.316

23, 19.837, 5.316

13, 19.837, 5.316

3, 19.837, 5.316

0, 19.837, 5.316

63, 19.837, 5.316

63, 19.837, 5.316

58, 28.152, 6.777

68, 11.790, 4.100

54, 36.587, 8.561

73, 4.101, 3.005

49, 44.901, 10.786

79, 3.200, 182.399

46, 52.780, 13.595

84, 10.109,
181.533

43, 59.904, 17.139

89, 16.647,
180.840

41, 66.058, 21.519

40, 71.256, 26.646

95, 22.839,
180.231

39, 73.506, 28.893

96, 21.795,
196.675

96, 21.729,
198.079

Harmonies

Complementary

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



63, 19.837, 5.316



73, 17.922, 180.285

Rectangle

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



63, 19.837, 5.316



63, 19.837, 55.316



63, 19.837, 185.316



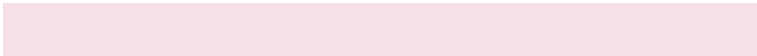
63, 19.837, 235.316

Sweetspot

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



63, 19.835, 5.320



91, 7.383, 3.291



63, 30.113, 319.420



48, 5.265, 3.453



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 19.835, 5.320



77, 30.218, 6.155



66, 16.049, 48.137



37, 4.247, 3.423



33, 64.279, 28.101



3, 12.552, 7.589

Inverse Universe

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



63, 19.835, 5.320



77, 30.218, 6.155



69, 13.752, 231.668



37, 4.247, 3.423



33, 64.279, 28.101



3, 12.552, 7.589

Previews

White Background



This preview shows how the CIELCh color 63, 19.837, 5.316 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, 19.837, 5.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

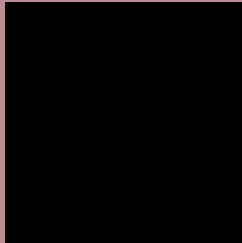
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 19.837, 5.316

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.837, 5.316.



This preview shows how white text looks on a background with the CIELCh color 63, 19.837, 5.316.

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, 19.837, 5.316

Protanopia

63, 2.913, 305.629

Deuteranopia

63, 8.305, 20.153



Tritanopia
63, 19.951, 3.764

Trichromacy



Original Color
63, 19.837, 5.316

Protanomaly
63, 7.771, 354.652

Deuteranomaly
63, 12.487, 10.406

Tritanomaly
63, 19.951, 3.764

Monochromacy



Original Color
63, 19.837, 5.316

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 7.375, 2.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.837, 5.316 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(188, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 140, 150)  
}
```

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(188, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 140, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.837, 5.316 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(188, 140, 150) }
```

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

```
.border{ border-color:rgb(188, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 140,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.837, 5.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 140, 150) }
```

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

```
.background{ background-color: rgb(188,  
140, 150) }
```

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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