

Converting Colors

CIELCh(63, 19.456, 359.756)

Have a look what the booklet for
CIELCh(63, 19.456, 359.756)
contains.

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Color

CIELCh(63, 19.479, 359.772)

Conversions

Conversions Part 1

Format	Color
Hex	BA8C99
RGB	186, 140, 153
RGB Percent	73%, 55%, 60%
CMY	0.2698, 0.4502, 0.3992
CMYK	0.00, 0.25, 0.18, 0.27
HSL	343°, 25%, 64%
HSV	343°, 25%, 73%
XYZ	35.4749, 31.5869, 34.4515
YIQ	155.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

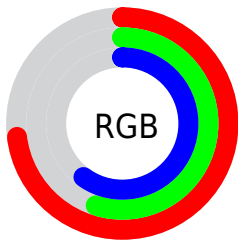
Format	Color
R _Y B	186, 140, 153
Decimal	12225689
CIE Lab	63.00, 19.48, -0.08
CIE LCh	63, 19.479, 359.772
Yxy	31.5869, 0.3495, 0.3112
Android (android.graphics.Color)	4290415769 (0xFFBA8C99)
YUV	155.2360, -1.1023, 26.9800
Hunter-Lab	56.2022, 14.3156, 2.9973

Details

The CIELCh color $63, 19.479, 359.772$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 18.046, 174.837$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 19.451, 0.485$, and $43, 19.148, 0.386$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.769, 1.172$, and if you desaturate by 10%, it is $68, 11.376, 358.585$.

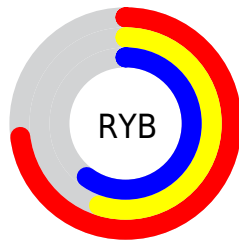
Distribution



Red (73%)

Green (55%)

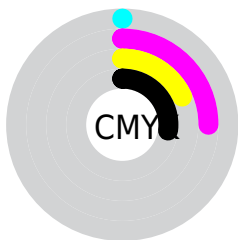
Blue (60%)



Red (73%)

Yellow (55%)

Blue (60%)

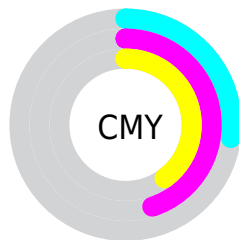


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 19.479, 359.772 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, 19.479, 359.772 by changing the saturation by 10% instead.


 63, 19.479,
359.772


 63, 19.479,
359.772


 100, 19.479,
359.772


 53, 19.479,
359.772


 83, 19.479,
359.772

 43, 19.479,
359.772

 93, 19.479,
359.772

 33, 19.479,
359.772

 23, 19.479,
359.772

 13, 19.479,
359.772

 3, 19.479, 359.772

 0, 19.479, 359.772

63, 19.479,
359.772

63, 19.479,
359.772

58, 27.769, 1.172

68, 11.376,
358.585

54, 36.080, 2.852

73, 3.566, 357.487

50, 44.151, 4.921

78, 3.908, 176.850

46, 51.644, 7.514

84, 11.033,
175.992

43, 58.202, 10.794

41, 63.572, 14.915

89, 17.818,
175.277

40, 67.772, 19.933

94, 24.283,
174.639

39, 69.859, 22.708

95, 23.077,
187.306

96, 22.207,
198.049

Harmonies

Complementary

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



63, 19.479, 359.772



72, 18.046, 174.837

Rectangle

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



63, 19.479, 359.772



63, 19.479, 49.772



63, 19.479, 179.772



63, 19.479, 229.772

Sweetspot

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



63, 19.477, 359.776



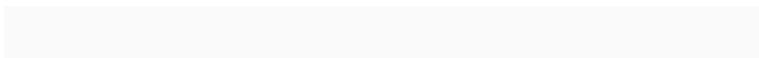
91, 6.599, 357.761



63, 28.455, 317.303



48, 4.328, 357.827



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, 19.477, 359.776



77, 29.556, 0.554



65, 15.797, 40.916



37, 4.382, 358.004



33, 61.617, 21.924



3, 12.783, 3.579

Inverse Universe

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



63, 19.477, 359.776



77, 29.556, 0.554



70, 13.424, 222.667



37, 4.382, 358.004



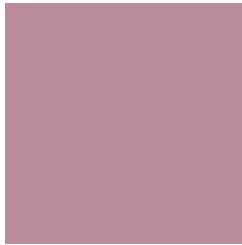
33, 61.617, 21.924



3, 12.783, 3.579

Previews

White Background



This preview shows how the CIELCh color 63, 19.479, 359.772 looks on a white background.

Color Contrast Check

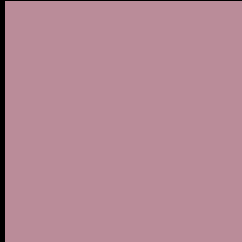
Large Text (above 18pt) WCAG AA × Fail

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, 19.479, 359.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

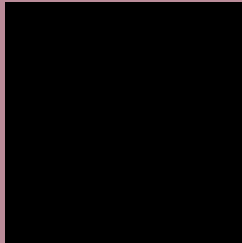
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 19.479, 359.772

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.479, 359.772.



This preview shows how white text looks on a background with the CIELCh color 63, 19.479, 359.772.

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, 19.479, 359.772

Protanopia
63, 4.500, 295.475

Deuteranopia
63, 8.143, 4.313



Tritanopia
63, 18.650, 4.102

Trichromacy



Original Color
63, 19.479, 359.772

Protanomaly
63, 8.630, 339.925

Deuteranomaly
63, 12.422, 2.410

Tritanomaly
63, 18.779, 2.461

Monochromacy



Original Color
63, 19.479, 359.772

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.619, 0.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.479, 359.772 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(186, 140, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 153)  
}
```

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(186, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.479, 359.772 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(186, 140, 153) }
```

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

```
.border{ border-color:rgb(186, 140, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 153);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.479, 359.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 153) }
```

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

```
.background{ background-color: rgb(186,  
140, 153) }
```

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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