

Converting Colors

CIELCh(63, 21.551, 354.135)

Have a look what the booklet for
CIELCh(63, 21.551, 354.135)
contains.

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Color

CIELCh(63, 21.537, 354.121)

Conversions

Conversions Part 1

Format	Color
Hex	BC8B9D
RGB	188, 139, 157
RGB Percent	74%, 55%, 62%
CMY	0.2628, 0.4549, 0.3843
CMYK	0.00, 0.26, 0.16, 0.26
HSL	338°, 27%, 64%
HSV	338°, 26%, 74%
XYZ	36.0530, 31.5869, 36.0911
YIQ	155.7030, 23.4260, 15.9860

Conversions

Conversions Part 2

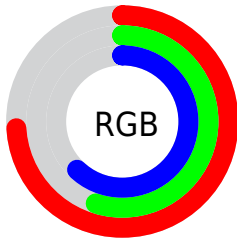
Format	Color
RYB	188, 139, 157
Decimal	12356509
CIELab	63.00, 21.42, -2.21
CIElCh	63, 21.537, 354.121
Yxy	31.5869, 0.3476, 0.3045
Android (android.graphics.Color)	4290546589 (0xFFBC8B9D)
YUV	155.7030, 0.6394, 28.3245
Hunter-Lab	56.2022, 16.1515, 1.2677

Details

The CIELCh color $63, 21.537, 354.121$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 20.313, 168.978$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.603, 353.715$, and $43, 21.911, 353.490$ is the 20% darker color. If you saturate the color by 10%, you get $58, 30.059, 355.455$, and if you desaturate by 10%, it is $68, 13.091, 352.974$.

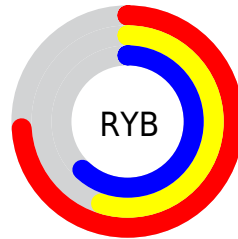
Distribution



Red (74%)

Green (55%)

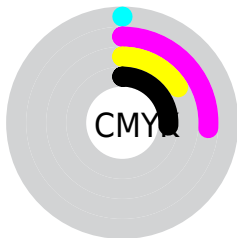
Blue (62%)



Red (74%)

Yellow (55%)

Blue (62%)

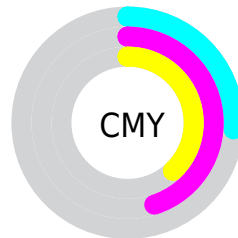


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.537, 354.121 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, 21.537, 354.121 by changing the saturation by 10% instead.


 63, 21.537,
354.121


 63, 21.537,
354.121


 100, 21.537,
354.121


 53, 21.537,
354.121


 83, 21.537,
354.121

 43, 21.537,
354.121

 93, 21.537,
354.121

 33, 21.537,
354.121

 23, 21.537,
354.121

 13, 21.537,
354.121

 3, 21.537, 354.121

 0, 21.537, 354.121

63, 21.537,
354.121

63, 21.537,
354.121

58, 30.059,
355.455

68, 13.091,
352.974

54, 38.453,
357.037

73, 4.860, 351.926

78, 3.088, 171.277

50, 46.411,
358.961

84, 10.722,
170.390

46, 53.546, 1.354

89, 18.038,
169.662

43, 59.460, 4.377

94, 25.046,
169.007

41, 63.883, 8.203

40, 66.872, 12.941

95, 23.733,
179.246

40, 67.962, 14.898

96, 21.902,
194.197

■ 96, 21.690,
198.081

Harmonies

Complementary

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



63, 21.537, 354.121



72, 20.313, 168.978

Rectangle

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



63, 21.537, 354.121



63, 21.537, 44.121



63, 21.537, 174.121



63, 21.537, 224.121

Sweetspot

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



63, 21.535, 354.124



91, 7.976, 352.144



62, 29.640, 314.158



48, 5.680, 352.300



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, 21.535, 354.124



77, 31.918, 354.822



64, 18.069, 31.073



37, 4.583, 352.271



33, 59.658, 14.110



3, 13.126, 359.129

Inverse Universe

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



63, 21.535, 354.124



77, 31.918, 354.822



71, 15.082, 210.300



37, 4.583, 352.271



33, 59.658, 14.110



3, 13.126, 359.129

Previews

White Background



This preview shows how the CIELCh color 63, 21.537, 354.121 looks on a white background.

Color Contrast Check

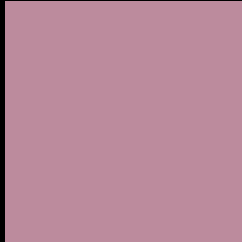
Large Text (above 18pt) WCAG AA × Fail

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, 21.537, 354.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

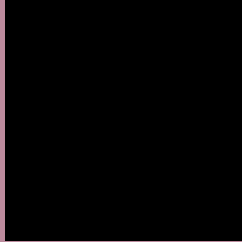
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.537, 354.121

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.537, 354.121.



This preview shows how white text looks on a background with the CIELCh color 63, 21.537, 354.121.

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, 21.537, 354.121

Protanopia
63, 7.274, 290.971

Deuteranopia
63, 8.017, 351.037



Tritanopia
63, 19.567, 3.350

Trichromacy



Original Color
63, 21.537, 354.121

Protanomaly
63, 10.878, 330.016

Deuteranomaly
63, 12.849, 352.254

Tritanomaly
63, 19.852, 0.254

Monochromacy



Original Color
63, 21.537, 354.121

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.752, 354.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.537, 354.121 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, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 139, 157)  
}
```

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, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 139, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.537, 354.121 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, 139, 157) }
```

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

```
.border{ border-color:rgb(188, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 139,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.537, 354.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 139, 157) }
```

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

```
.background{ background-color: rgb(188,  
139, 157) }
```

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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