

Converting Colors

CIELCh(63, 18.705, 339.957)

Have a look what the booklet for
CIELCh(63, 18.705, 339.957)
contains.

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Color

CIELCh(63, 18.735, 340.493)

Conversions

Conversions Part 1

Format	Color
Hex	B38EA4
RGB	179, 142, 164
RGB Percent	70%, 56%, 64%
CMY	0.2982, 0.4433, 0.3571
CMYK	0.00, 0.21, 0.08, 0.30
HSL	324°, 20%, 63%
HSV	324°, 21%, 70%
XYZ	34.9398, 31.5869, 39.3528
YIQ	155.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

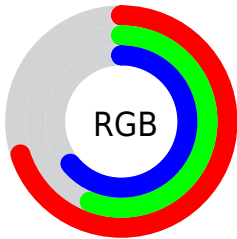
Format	Color
RYB	179, 142, 164
Decimal	11767460
CIELab	63.00, 17.66, -6.26
CIELCh	63, 18.735, 340.493
Yxy	31.5869, 0.3300, 0.2983
Android (android.graphics.Color)	4289957540 (0xFFB38EA4)
YUV	155.5710, 4.1555, 20.5472
Hunter-Lab	56.2022, 12.6161, -2.1733

Details

The CIELCh color $63, 18.735, 340.493$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 18.441, 157.222$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 18.659, 340.406$, and $43, 18.324, 341.299$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.877, 341.400$, and if you desaturate by 10%, it is $68, 9.598, 339.657$.

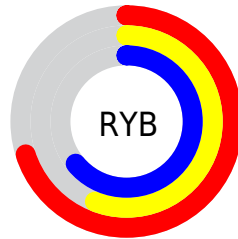
Distribution



Red (70%)

Green (56%)

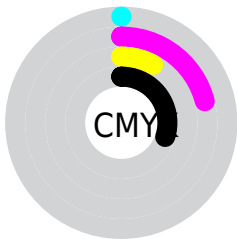
Blue (64%)



Red (70%)

Yellow (56%)

Blue (64%)

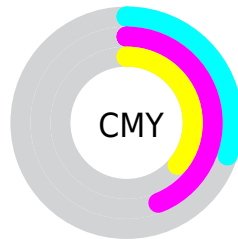


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 18.735, 340.493 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, 18.735, 340.493 by changing the saturation by 10% instead.


 63, 18.735,
340.493


 63, 18.735,
340.493


 100, 18.735,
340.493


 53, 18.735,
340.493


 83, 18.735,
340.493

 43, 18.735,
340.493

 93, 18.735,
340.493

 33, 18.735,
340.493

 23, 18.735,
340.493

 13, 18.735,
340.493

 3, 18.735, 340.493

 0, 18.735, 340.493

63, 18.735,
340.493

63, 18.735,
340.493

58, 27.877,
341.400

68, 9.598, 339.657

54, 36.825,
342.403

73, 0.605, 338.370

50, 45.278,
343.536

78, 8.169, 158.281

47, 52.847,
344.847

83, 16.683,
157.610

44, 59.080,
346.404

88, 24.922,
156.998

41, 63.551,
348.304

93, 32.887,
156.430


40, 66.006,
350.664

94, 33.589,
159.350

39, 66.862,

94, 31.164,
164.465

353.286

 95, 28.987,
170.360

Harmonies

Complementary

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



63, 18.735, 340.493



70, 18.441, 157.222

Rectangle

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



63, 18.735, 340.493



63, 18.735, 30.493



63, 18.735, 160.493



63, 18.735, 210.493

Sweetspot

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



63, 18.733, 340.495



88, 6.636, 339.277



61, 21.594, 306.599



47, 4.440, 339.332



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 18.733, 340.495



77, 28.042, 340.914



62, 14.939, 13.023



35, 5.076, 339.546



33, 59.696, 352.860



2, 11.260, 344.573

Inverse Universe

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



63, 18.733, 340.495



77, 28.042, 340.914



70, 13.401, 189.603



35, 5.076, 339.546



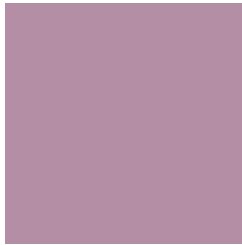
33, 59.696, 352.860



2, 11.260, 344.573

Previews

White Background



This preview shows how the CIELCh color 63, 18.735, 340.493 looks on a white background.

Color Contrast Check

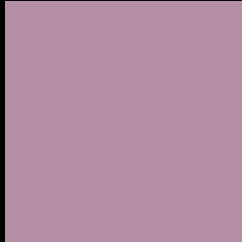
Large Text (above 18pt) WCAG AA × Fail

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, 18.735, 340.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

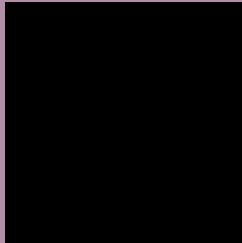
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.735, 340.493

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.735, 340.493.



This preview shows how white text looks on a background with the CIELCh color 63, 18.735, 340.493.

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, 18.735, 340.493

Protanopia

63, 10.082, 287.118

Deuteranopia

63, 10.185, 324.914



Tritanopia
63, 14.632, 356.224

Trichromacy



Original Color
63, 18.735, 340.493

Protanomaly
63, 12.265, 314.607

Deuteranomaly
63, 12.967, 333.616

Tritanomaly
63, 15.944, 349.496

Monochromacy



Original Color
63, 18.735, 340.493

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.720, 338.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.735, 340.493 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(179, 142, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 142, 164)  
}
```

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(179, 142, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 142, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.735, 340.493 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(179, 142, 164) }
```

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

```
.border{ border-color:rgb(179, 142, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 142, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 142, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 142, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 142,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.735, 340.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 142, 164) }
```

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

```
.background{ background-color: rgb(179,  
142, 164) }
```

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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