

Converting Colors

CIELCh(63, 18.724, 347.001)

Have a look what the booklet for
CIELCh(63, 18.724, 347.001)
contains.

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Color

CIELCh(63, 18.724, 347.001)

Conversions

Conversions Part 1

Format	Color
Hex	B58DA0
RGB	181, 141, 160
RGB Percent	71%, 55%, 63%
CMY	0.2886, 0.4455, 0.3710
CMYK	0.00, 0.22, 0.12, 0.29
HSL	332°, 21%, 63%
HSV	332°, 22%, 71%
XYZ	35.1112, 31.5869, 37.6828
YIQ	155.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

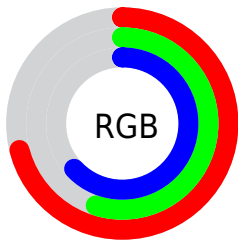
Format	Color
R_{YB}	181, 141, 160
Decimal	11898272
CIE _{Lab}	63.00, 18.24, -4.21
CIE _{LCh}	63, 18.724, 347.001
Yxy	31.5869, 0.3364, 0.3026
Android (android.graphics.Color)	4290088352 (0xFFB58DA0)
YUV	155.1260, 2.4029, 22.6915
Hunter-Lab	56.2022, 13.1603, -0.4116

Details

The CIELCh color $63, 18.724, 347.001$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 18.155, 163.069$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 18.634, 346.522$, and $43, 18.659, 346.971$ is the 20% darker color. If you saturate the color by 10%, you get $58, 27.372, 348.100$, and if you desaturate by 10%, it is $68, 10.127, 346.022$.

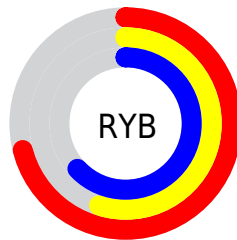
Distribution



Red (71%)

Green (55%)

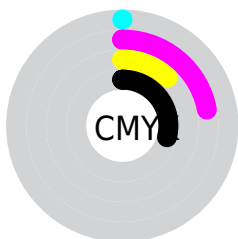
Blue (63%)



Red (71%)

Yellow (55%)

Blue (63%)

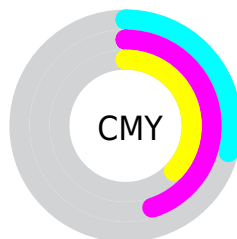


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (45%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.724, 347.001 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, 18.724, 347.001 by changing the saturation by 10% instead.


 63, 18.724,
347.001


 63, 18.724,
347.001


 100, 18.724,
347.001


 53, 18.724,
347.001


 83, 18.724,
347.001

 43, 18.724,
347.001

 93, 18.724,
347.001

 33, 18.724,
347.001

 23, 18.724,
347.001

 13, 18.724,
347.001

 3, 18.724, 347.001

 0, 18.724, 347.001

63, 18.724,
347.001

63, 18.724,
347.001

58, 27.372,
348.100

68, 10.127,
346.022

54, 35.880,
349.359

73, 1.710, 344.970

78, 6.460, 164.471

50, 43.957,
350.839

83, 14.352,
163.723

46, 51.224,
352.622

88, 21.958,
163.056

43, 57.247,
354.825


93, 29.283,
162.445

41, 61.642,
357.596

95, 28.958,
167.843

40, 64.239, 1.100

95, 26.417,
176.700

 95, 24.557,
187.112

Harmonies

Complementary

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



63, 18.724, 347.001



71, 18.155, 163.069

Rectangle

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



63, 18.724, 347.001



63, 18.724, 37.001



63, 18.724, 167.001



63, 18.724, 217.001

Sweetspot

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



63, 18.722, 347.003



89, 7.200, 345.556



62, 23.802, 310.657



47, 4.678, 345.612



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, 18.722, 347.003



77, 27.286, 347.466



63, 15.961, 22.291



36, 4.788, 345.767



33, 58.447, 3.742



3, 12.042, 352.225

Inverse Universe

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



63, 18.722, 347.003



77, 27.286, 347.466



71, 13.797, 199.849



36, 4.788, 345.767



33, 58.447, 3.742



3, 12.042, 352.225

Previews

White Background



This preview shows how the CIELCh color 63, 18.724, 347.001 looks on a white background.

Color Contrast Check

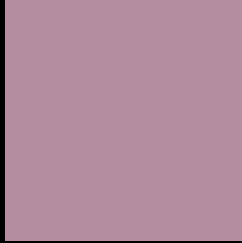
Large Text (above 18pt) WCAG AA × Fail

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, 18.724, 347.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

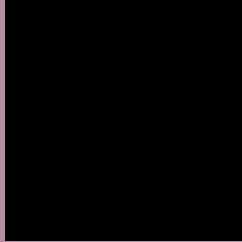
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.724, 347.001

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.724, 347.001.



This preview shows how white text looks on a background with the CIELCh color 63, 18.724, 347.001.

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, 18.724, 347.001

Protanopia
63, 8.394, 288.574

Deuteranopia
63, 8.996, 337.204



Tritanopia
63, 16.110, 358.816

Trichromacy



Original Color
63, 18.724, 347.001

Protanomaly
63, 10.933, 319.948

Deuteranomaly
63, 12.415, 341.686

Tritanomaly
63, 17.091, 354.127

Monochromacy



Original Color
63, 18.724, 347.001

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.676, 344.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.724, 347.001 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(181, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 160)  
}
```

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(181, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.724, 347.001 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(181, 141, 160) }
```

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

```
.border{ border-color:rgb(181, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.724, 347.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 160) }
```

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

```
.background{ background-color: rgb(181,  
141, 160) }
```

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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