

Converting Colors

CIELCh(63, 38.218, 324.004)

Have a look what the booklet for
CIELCh(63, 38.218, 324.004)
contains.

CIELCh(63, 38.243, 324.124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 38.243, 324.124)

Conversions

Conversions Part 1

Format	Color
Hex	BD86C1
RGB	189, 134, 193
RGB Percent	74%, 53%, 76%
CMY	0.2600, 0.4756, 0.2443
CMYK	0.02, 0.31, 0.00, 0.24
HSL	296°, 32%, 64%
HSV	296°, 31%, 76%
XYZ	38.9872, 31.5869, 54.3165
YIQ	157.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

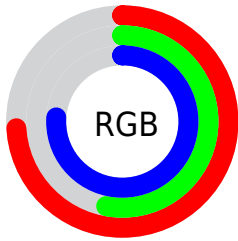
Format	Color
R_{YB}	189, 134, 193
Decimal	12420801
CIE _{Lab}	63.00, 30.99, -22.41
CIE _{LCh}	63, 38.243, 324.124
Yxy	31.5869, 0.3122, 0.2529
Android (android.graphics.Color)	4290610881 (0xFFBD86C1)
YUV	157.1710, 17.6637, 27.9140
Hunter-Lab	56.2022, 25.4707, -17.9591

Details

The CIELCh color $63, 38.243, 324.124$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 38.095, 140.683$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 38.337, 323.957$, and $43, 38.336, 324.420$ is the 20% darker color. If you saturate the color by 10%, you get $59, 50.414, 324.586$, and if you desaturate by 10%, it is $68, 25.745, 323.632$.

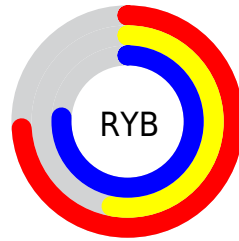
Distribution



Red (74%)

Green (53%)

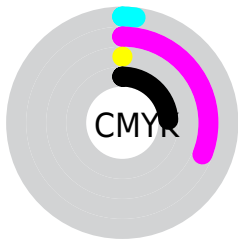
Blue (76%)



Red (74%)

Yellow (53%)

Blue (76%)

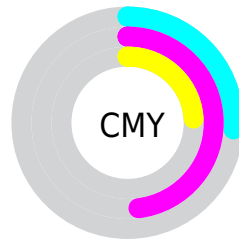


Cyan (2%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (48%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 38.243, 324.124 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, 38.243, 324.124 by changing the saturation by 10% instead.

 63, 38.243,
324.124


 63, 38.243,
324.124


 100, 38.243,
324.124


 53, 38.243,
324.124


 83, 38.243,
324.124

 43, 38.243,
324.124

 93, 38.243,
324.124

 33, 38.243,
324.124

 23, 38.243,
324.124

 13, 38.243,
324.124

 3, 38.243, 324.124

 0, 38.243, 324.124

63, 38.243,
324.124

63, 38.243,
324.124

59, 50.414,
324.586

68, 25.745,
323.632

55, 61.905,
324.999

73, 13.190,
323.122

51, 72.259,
325.338

78, 0.758, 322.330

48, 80.974,
325.579

83, 11.438,
142.173

46, 87.588,
325.701

88, 23.328,
141.693


44, 91.821,
325.689

93, 34.878,
141.244

43, 93.976,
325.574

95, 38.025,
140.737

95, 37.769,
140.190

 95, 37.516,
139.634

Harmonies

Complementary

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



63, 38.243, 324.124



73, 38.095, 140.683

Rectangle

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



63, 38.243, 324.124



63, 38.243, 14.124



63, 38.243, 144.124



63, 38.243, 194.124

Sweetspot

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



63, 38.241, 324.124



93, 13.808, 323.046



59, 30.642, 290.568



48, 9.602, 323.122



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 38.241, 324.124



76, 56.884, 324.451



63, 29.332, 341.979



38, 7.076, 323.058



36, 82.123, 325.609



4, 23.378, 323.394

Inverse Universe

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



62, 24.230, 16.772



74, 36.938, 17.805



73, 28.646, 156.740



38, 4.198, 14.431



33, 71.102, 36.915



3, 14.041, 15.701

Previews

White Background



This preview shows how the CIELCh color 63, 38.243, 324.124 looks on a white background.

Color Contrast Check

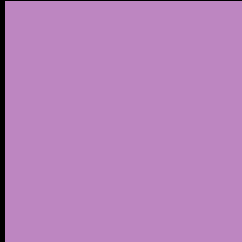
Large Text (above 18pt) WCAG AA × Fail

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, 38.243, 324.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

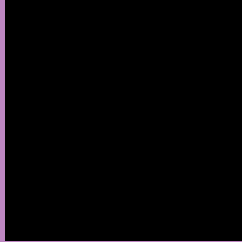
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 38.243, 324.124

Background



This preview shows how black text looks on a background with the CIELCh color 63, 38.243, 324.124.

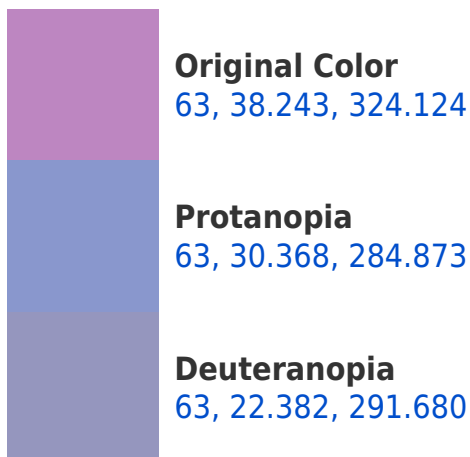



This preview shows how white text looks on a background with the CIELCh color 63, 38.243, 324.124.

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





Tritanopia
63, 17.095, 2.271

Trichromacy



Original Color
63, 38.243, 324.124

Protanomaly
63, 31.694, 300.141

Deuteranomaly
63, 27.288, 306.989

Tritanomaly
63, 23.416, 340.178

Monochromacy



Original Color
63, 38.243, 324.124

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.968, 323.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 38.243, 324.124 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(189, 134, 193)` looks like.

```
.text, #text, p{  
    color:rgb(189, 134, 193)  
}
```

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(189, 134, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 134, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 38.243, 324.124 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(189, 134, 193) }
```

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

```
.border{ border-color:rgb(189, 134, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 134, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 134, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 134, 193);  
box-shadow:4px 4px 4px 4px rgb(189, 134,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 38.243, 324.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 134, 193) }
```

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

```
.background{ background-color: rgb(189,  
134, 193) }
```

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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