

Converting Colors

CIELCh(63, 26.728, 330.051)

Have a look what the booklet for
CIELCh(63, 26.728, 330.051)
contains.

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Color

CIELCh(63, 26.762, 329.822)

Conversions

Conversions Part 1

Format	Color
Hex	B78BB1
RGB	183, 139, 177
RGB Percent	72%, 55%, 69%
CMY	0.2834, 0.4559, 0.3069
CMYK	0.00, 0.24, 0.03, 0.28
HSL	308°, 23%, 63%
HSV	308°, 24%, 72%
XYZ	36.5668, 31.5869, 45.6232
YIQ	156.4880, 14.0260, 21.1460

Conversions

Conversions Part 2

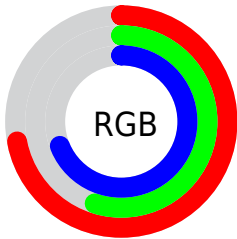
Format	Color
RYB	183, 139, 177
Decimal	12028849
CIELab	63.00, 23.13, -13.45
CIElCh	63, 26.762, 329.822
Yxy	31.5869, 0.3214, 0.2776
Android (android.graphics.Color)	4290218929 (0xFFB78BB1)
YUV	156.4880, 10.1124, 23.2510
Hunter-Lab	56.2022, 17.7833, -8.7882

Details

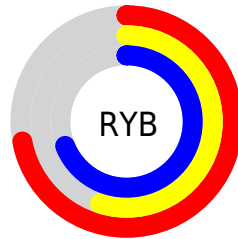
The CIELCh color $63, 26.762, 329.822$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 26.699, 146.742$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.708, 329.355$, and $43, 26.814, 329.761$ is the 20% darker color. If you saturate the color by 10%, you get $59, 37.758, 330.437$, and if you desaturate by 10%, it is $68, 15.603, 329.212$.

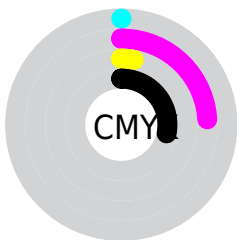
Distribution



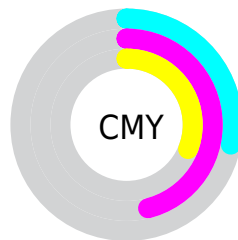
- Red (72%)
- Green (55%)
- Blue (69%)



- Red (72%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (28%)





- Cyan (28%)
- Magenta (46%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.762, 329.822 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, 26.762, 329.822 by changing the saturation by 10% instead.

 63, 26.762,
329.822


 63, 26.762,
329.822


 100, 26.762,
329.822


 53, 26.762,
329.822


 83, 26.762,
329.822

 43, 26.762,
329.822

 93, 26.762,
329.822

 33, 26.762,
329.822

 23, 26.762,
329.822

 13, 26.762,
329.822

 3, 26.762, 329.822

 0, 26.762, 329.822

63, 26.762,
329.822

63, 26.762,
329.822

59, 37.758,
330.437

68, 15.603,
329.212

55, 48.313,
331.051

72, 4.488, 328.578

77, 6.454, 148.109

51, 58.046,
331.663

82, 17.144,
147.532

48, 66.506,
332.269

87, 27.538,
147.000

45, 73.228,
332.873

92, 37.619,
146.497

44, 77.835,
333.485


94, 40.547,
147.011

42, 80.178,
334.126

94, 39.541,
148.133

42, 80.876,

334.518

 94, 38.546,
149.311

Harmonies

Complementary

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



63, 26.762, 329.822



70, 26.699, 146.742

Rectangle

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



63, 26.762, 329.822



63, 26.762, 19.822



63, 26.762, 149.822



63, 26.762, 199.822

Sweetspot

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



63, 26.760, 329.822



90, 9.556, 328.782



60, 25.047, 297.566



48, 6.262, 328.820



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 26.760, 329.822



77, 39.814, 330.154



62, 19.380, 353.919



36, 6.290, 328.922



36, 71.902, 334.429



3, 16.378, 330.680

Inverse Universe

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



63, 26.760, 329.822



77, 39.814, 330.154



71, 18.364, 169.238



36, 6.290, 328.922



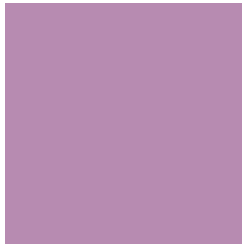
36, 71.902, 334.429



3, 16.378, 330.680

Previews

White Background



This preview shows how the CIELCh color 63, 26.762, 329.822 looks on a white background.

Color Contrast Check

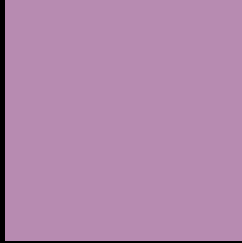
Large Text (above 18pt) WCAG AA × Fail

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, 26.762, 329.822 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, 26.762, 329.822

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.762, 329.822.



This preview shows how white text looks on a background with the CIELCh color 63, 26.762, 329.822.

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, 26.762, 329.822

Protanopia

63, 19.089, 285.970

Deuteranopia

63, 14.902, 302.978



Tritanopia
63, 15.742, 358.212

Trichromacy



Original Color
63, 26.762, 329.822

Protanomaly
63, 20.157, 304.517

Deuteranomaly
63, 19.086, 315.742

Tritanomaly
63, 19.321, 344.206

Monochromacy



Original Color
63, 26.762, 329.822

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.938, 328.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.762, 329.822 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(183, 139, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 139, 177)  
}
```

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(183, 139, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 139, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.762, 329.822 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(183, 139, 177) }
```

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

```
.border{ border-color:rgb(183, 139, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 139, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 139, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 139, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 139,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.762, 329.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 139, 177) }
```

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

```
.background{ background-color: rgb(183,  
139, 177) }
```

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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