

Converting Colors

CIELCh(63, 26.835, 331.828)

Have a look what the booklet for
CIELCh(63, 26.835, 331.828)
contains.

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Color

CIELCh(63, 26.824, 331.941)

Conversions

Conversions Part 1

Format	Color
Hex	B88AAF
RGB	184, 138, 175
RGB Percent	72%, 54%, 69%
CMY	0.2773, 0.4577, 0.3126
CMYK	0.00, 0.25, 0.05, 0.28
HSL	312°, 25%, 63%
HSV	312°, 25%, 72%
XYZ	36.7288, 31.5869, 44.8634
YIQ	155.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

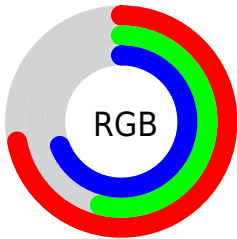
Format	Color
RYB	184, 138, 175
Decimal	12094127
CIELab	63.00, 23.67, -12.62
CIELCh	63, 26.824, 331.941
Yxy	31.5869, 0.3245, 0.2791
Android (android.graphics.Color)	4290284207 (0xFFB88AAF)
YUV	155.9720, 9.3808, 24.5806
Hunter-Lab	56.2022, 18.2979, -7.9866

Details

The CIELCh color $63, 26.824, 331.941$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 26.711, 148.585$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.767, 331.343$, and $43, 27.290, 331.231$ is the 20% darker color. If you saturate the color by 10%, you get $59, 37.443, 332.613$, and if you desaturate by 10%, it is $68, 16.037, 331.287$.

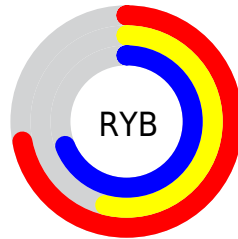
Distribution



Red (72%)

Green (54%)

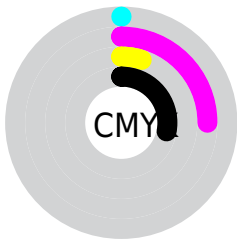
Blue (69%)



Red (72%)

Yellow (54%)

Blue (69%)

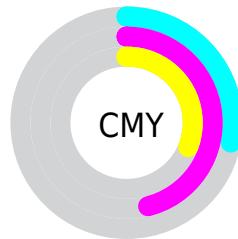


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (46%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.824, 331.941 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, 26.824, 331.941 by changing the saturation by 10% instead.


 63, 26.824,
331.941


 63, 26.824,
331.941


 100, 26.824,
331.941


 53, 26.824,
331.941


 83, 26.824,
331.941

 43, 26.824,
331.941

 93, 26.824,
331.941

 33, 26.824,
331.941

 23, 26.824,
331.941

 13, 26.824,
331.941

 3, 26.824, 331.941

 0, 26.824, 331.941

63, 26.824,
331.941

63, 26.824,
331.941

59, 37.443,
332.613

68, 16.037,
331.287

54, 47.614,
333.303

72, 5.290, 330.627

77, 5.291, 150.137

51, 56.953,
334.016

82, 15.626,
149.529

48, 65.005,
334.759

87, 25.676,
148.977

45, 71.295,
335.548

93, 35.422,
148.456

43, 75.447,
336.409


94, 37.650,
149.455

42, 77.331,
337.378

94, 36.234,
151.314

42, 77.787,

337.895

 94, 34.849,
153.312

Harmonies

Complementary

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



63, 26.824, 331.941



71, 26.711, 148.585

Rectangle

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



63, 26.824, 331.941



63, 26.824, 21.941



63, 26.824, 151.941



63, 26.824, 201.941

Sweetspot

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



63, 26.822, 331.942



90, 9.243, 330.776



60, 26.288, 299.393



48, 6.004, 330.815



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, 26.822, 331.942



77, 39.866, 332.310



62, 19.799, 357.407



36, 6.032, 330.922



35, 68.760, 337.743



3, 15.450, 333.687

Inverse Universe

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



63, 26.822, 331.942



77, 39.866, 332.310



71, 18.497, 172.432



36, 6.032, 330.922



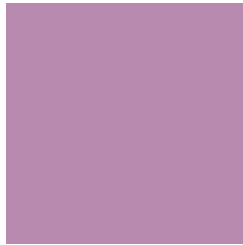
35, 68.760, 337.743



3, 15.450, 333.687

Previews

White Background



This preview shows how the CIELCh color 63, 26.824, 331.941 looks on a white background.

Color Contrast Check

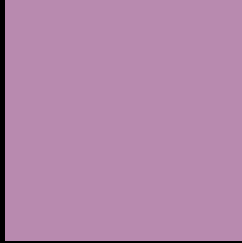
Large Text (above 18pt) WCAG AA × Fail

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, 26.824, 331.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

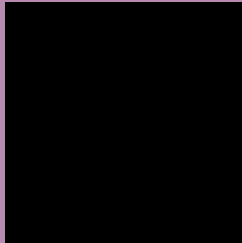
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.824, 331.941

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.824, 331.941.



This preview shows how white text looks on a background with the CIELCh color 63, 26.824, 331.941.

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, 16.500, 359.408

Trichromacy



Original Color
63, 26.824, 331.941

Protanomaly
63, 20.346, 306.521

Deuteranomaly
63, 18.406, 319.321

Tritanomaly
63, 19.331, 346.312

Monochromacy



Original Color
63, 26.824, 331.941

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.510, 330.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.824, 331.941 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(184, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 138, 175)  
}
```

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(184, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 138, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.824, 331.941 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(184, 138, 175) }
```

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

```
.border{ border-color:rgb(184, 138, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 138, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 138,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.824, 331.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 138, 175) }
```

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

```
.background{ background-color: rgb(184,  
138, 175) }
```

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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