

Converting Colors

CIELCh(60, 36.412, 332.273)

Have a look what the booklet for
CIELCh(60, 36.412, 332.273)
contains.

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Color

CIELCh(60, 36.667, 332.334)

Conversions

Conversions Part 1

Format	Color
Hex	BB7CAF
RGB	187, 124, 175
RGB Percent	73%, 49%, 69%
CMY	0.2662, 0.5133, 0.3133
CMYK	0.00, 0.34, 0.06, 0.27
HSL	311°, 32%, 61%
HSV	311°, 34%, 73%
XYZ	35.4942, 28.1233, 44.1753
YIQ	148.6510, 21.1770, 29.2170

Conversions

Conversions Part 2

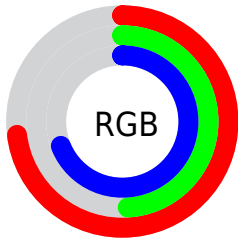
Format	Color
RYB	187, 124, 175
Decimal	12287151
CIELab	60.00, 32.47, -17.03
CIELCh	60, 36.667, 332.334
Yxy	28.1233, 0.3293, 0.2609
Android (android.graphics.Color)	4290477231 (0xFFBB7CAF)
YUV	148.6510, 12.9901, 33.6321
Hunter-Lab	53.0314, 26.6657, -12.2667

Details

The CIELCh color $60, 36.667, 332.334$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $71, 36.534, 147.603$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 37.087, 332.078$, and $40, 36.315, 332.824$ is the 20% darker color. If you saturate the color by 10%, you get $56, 47.074, 333.016$, and if you desaturate by 10%, it is $64, 25.838, 331.670$.

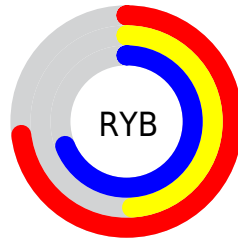
Distribution



Red (73%)

Green (49%)

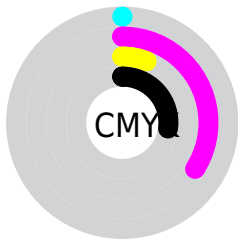
Blue (69%)



Red (73%)

Yellow (49%)

Blue (69%)

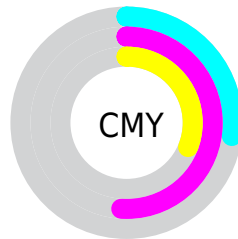


Cyan (0%)

Magenta (34%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.667, 332.334 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 60, 36.667, 332.334 by changing the saturation by 10% instead.


 60, 36.667,
332.334


 60, 36.667,
332.334


 100, 36.667,
332.334


 50, 36.667,
332.334


 80, 36.667,
332.334

 40, 36.667,
332.334

 90, 36.667,
332.334


 30, 36.667,
332.334

 20, 36.667,
332.334

 10, 36.667,
332.334

 0, 36.667, 332.334

 60, 36.667,

 60, 36.667,

332.334

56, 47.074,
333.016

52, 56.690,
333.717

49, 65.058,
334.444

46, 71.693,
335.211

44, 76.196,
336.040

43, 78.394,
336.965

43, 78.969,
337.595

332.334

64, 25.838,
331.670

69, 14.875,
331.021

74, 3.970, 330.349

79, 6.754, 149.871

84, 17.223,
149.277

89, 27.397,
148.731

94, 37.201,
148.228

95, 35.783,
150.044

■ 95, 34.393,
152.000

Harmonies

Complementary

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



60, 36.667, 332.334



71, 36.534, 147.603

Rectangle

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



60, 36.667, 332.334



60, 36.667, 22.334



60, 36.667, 152.334



60, 36.667, 202.334

Sweetspot

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



60, 36.665, 332.334



90, 13.394, 330.795



55, 36.500, 300.291



47, 9.220, 330.886



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 36.665, 332.334



73, 53.395, 332.808



59, 27.338, 358.590



37, 6.193, 330.742



36, 69.840, 337.451



3, 17.789, 333.699

Inverse Universe

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



60, 36.665, 332.334



73, 53.395, 332.808



71, 24.903, 171.464



37, 6.193, 330.742



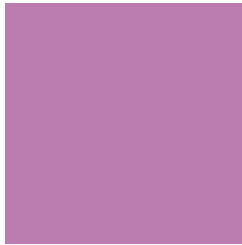
36, 69.840, 337.451



3, 17.789, 333.699

Previews

White Background



This preview shows how the CIELCh color 60, 36.667, 332.334 looks on a white background.

Color Contrast Check

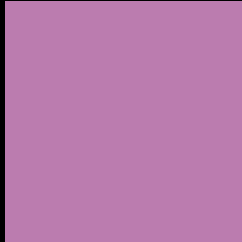
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 36.667, 332.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

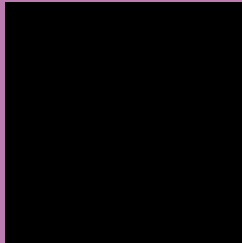
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 36.667, 332.334

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.667, 332.334.



This preview shows how white text looks on a background with the CIELCh color 60, 36.667, 332.334.

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
60, 21.652, 6.907

Trichromacy



Original Color
60, 36.667, 332.334

Protanomaly
60, 27.940, 305.369

Deuteranomaly
60, 23.599, 316.148

Tritanomaly
60, 25.852, 349.623

Monochromacy



Original Color
60, 36.667, 332.334

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.465, 332.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.667, 332.334 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(187, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 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(187, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.667, 332.334 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(187, 124, 175) }
```

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

```
.border{ border-color:rgb(187, 124, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 124, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(187, 124,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.667, 332.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 175) }
```

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

```
.background{ background-color: rgb(187,  
124, 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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