Converting Colors

CIELCh(61, 35.643, 330.465)

Have a look what the booklet for CIELCh(61, 35.643, 330.465) contains.

Color

CIELCh(61, 35.699, 330.260)

Conversions

Conversions Part 1

Format	Color
Hex	BB80B3
RGB	187, 128, 179
RGB Percent	73%, 50%, 70%
CMY	0.2668, 0.4981, 0.2981
CMYK	0.00, 0.32, 0.04, 0.27
HSL	308°, 30%, 62%
HSV	308°, 32%, 73%
XYZ	36.3384, 29.2481, 46.3660
YIQ	151.4550, 18.7930, 28.3690

Conversions

Conversions Part 2

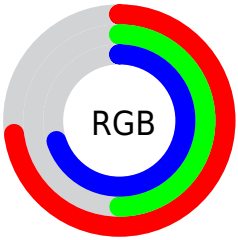
Format	Color
RYB	187, 128, 179
Decimal	12288179
CIELab	61.00, 31.00, -17.71
CIELCh	61, 35.699, 330.260
Yxy	29.2481, 0.3246, 0.2613
Android (android.graphics.Color)	4290478259 (0xFFBB80B3)
YUV	151.4550, 13.5797, 31.1730
Hunter-Lab	54.0815, 25.2948, -12.9743

Details

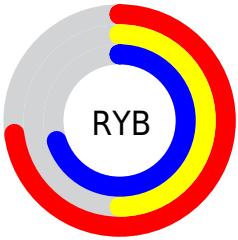
The CIELCh color 61, 35.699, 330.260 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 71, 35.636, 146.055, and the grayscale version is 63, 0.008, 296.813.

A 20% lighter version of the original color is 81, 35.510, 330.229, and 41, 35.375, 330.507 is the 20% darker color. If you saturate the color by 10%, you get 57, 46.599, 330.876, and if you desaturate by 10%, it is 66, 24.421, 329.646.

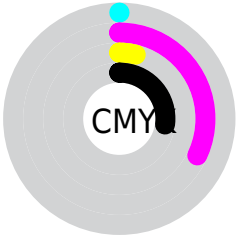
Distribution



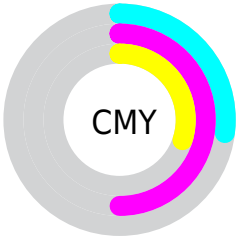
- Red (73%)
- Green (50%)
- Blue (70%)



- Red (73%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (27%)



- Cyan (27%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 35.699, 330.260 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 61, 35.699, 330.260 by changing the saturation by 10% instead.

61, 35.699, 330.260

100, 35.699, 330.260

81, 35.699, 330.260

91, 35.699, 330.260

61, 35.699, 330.260

51, 35.699, 330.260

41, 35.699, 330.260

31, 35.699, 330.260

21, 35.699, 330.260

11, 35.699, 330.260

1, 35.699, 330.260

0, 35.699, 330.260

61, 35.699, 330.260

57, 46.599, 330.876

53, 56.765, 331.488

50, 65.749, 332.095

47, 73.070, 332.698

45, 78.308, 333.305

44, 81.243, 333.935

43, 82.304, 334.491

61, 35.699, 330.260

66, 24.421, 329.646

70, 13.042, 329.035

75, 1.745, 328.311

80, 9.350, 147.932

85, 20.174, 147.371

90, 30.689, 146.846

94, 38.588, 146.689

94, 37.560, 147.884

94, 36.545, 149.141

Harmonies

Complementary

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

61, 35.699, 330.260

71, 35.636, 146.055

Rectangle

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

61, 35.699, 330.260

61, 35.699, 20.260

61, 35.699, 150.260

61, 35.699, 200.260

Sweetspot

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

61, 35.697, 330.260

90, 12.523, 328.887

56, 33.959, 298.412

48, 8.780, 328.977

98, 0.011, 296.813

51, 0.007, 296.813

Same Dimension

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

61, 35.697, 330.260

74, 52.777, 330.695

60, 26.093, 354.869

37, 6.438, 328.900

36, 72.796, 334.400

3, 18.791, 330.897

Inverse Universe

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

61, 35.697, 330.260

74, 52.777, 330.695

71, 24.297, 168.410

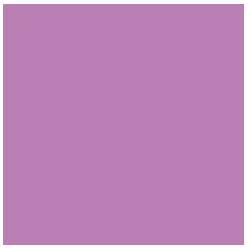
37, 6.438, 328.900

36, 72.796, 334.400

3, 18.791, 330.897

Previews

White Background

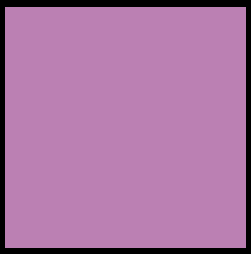


This preview shows how the CIELCh color 61, 35.699, 330.260 looks on a white background.

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



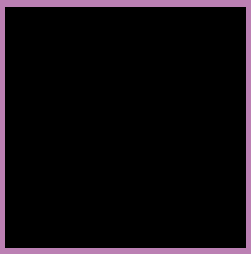
This preview shows how the CIELCh color 61, 35.699, 330.260 looks on a black background.

Color Contrast Check

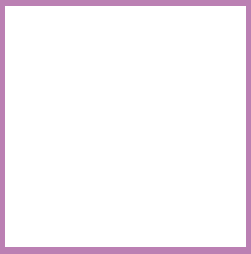
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 61, 35.699, 330.260 Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.699, 330.260.

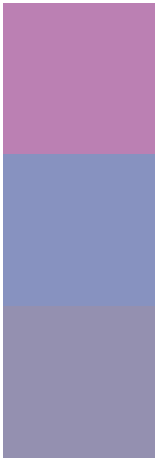


This preview shows how white text looks on a background with the CIELCh color 61, 35.699, 330.260.

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



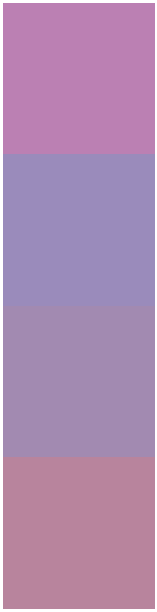
Original Color
61, 35.699, 330.260

Protanopia
61, 26.027, 284.954

Deuteranopia
61, 18.128, 296.660

Tritanopia
61, 19.964, 5.402

Trichromacy



Original Color
61, 35.699, 330.260

Protanomaly
61, 27.704, 303.913

Deuteranomaly
61, 23.758, 313.928

Tritanomaly
61, 24.456, 347.327

Monochromacy

Original Color
61, 35.699, 330.260

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.934, 329.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.699, 330.260 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, 128, 179) looks like.

```
.text, #text, p{
    color:rgb(187, 128, 179)
}
```

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, 128, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 128, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.699, 330.260 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, 128, 179) }
```

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

```
.border{ border-color:rgb(187, 128, 179) }
```

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

Here you see how a box with a 4 pixel rgb(187, 128, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 128, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 128, 179); box-shadow:4px 4px 4px 4px rgb(187, 128, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.699, 330.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 128, 179) }
```

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

```
.background{ background-color:rgb(187,
128, 179) }
```

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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