

Converting Colors

CIELCh(61, 33.036, 320.834)

Have a look what the booklet for
CIELCh(61, 33.036, 320.834)
contains.

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Color

CIELCh(61, 33.132, 320.872)

Conversions

Conversions Part 1

Format	Color
Hex	AF84B8
RGB	175, 132, 184
RGB Percent	69%, 52%, 72%
CMY	0.3121, 0.4808, 0.2768
CMYK	0.05, 0.28, 0.00, 0.28
HSL	290°, 27%, 62%
HSV	290°, 28%, 72%
XYZ	34.7708, 29.2481, 49.3867
YIQ	150.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

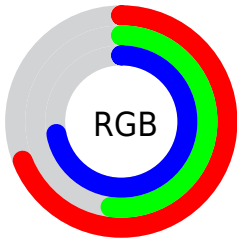
Format	Color
RYB	175, 132, 184
Decimal	11502776
CIELab	61.00, 25.70, -20.91
CIELCh	61, 33.132, 320.872
Yxy	29.2481, 0.3066, 0.2579
Android (android.graphics.Color)	4289692856 (0xFFAF84B8)
YUV	150.7850, 16.3750, 21.2366
Hunter-Lab	54.0815, 20.1208, -16.2859

Details

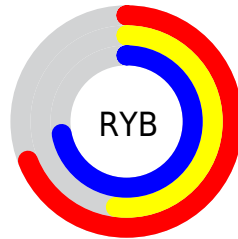
The CIELCh color $61, 33.132, 320.872$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 32.775, 138.108$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.371, 320.935$, and $41, 33.145, 320.897$ is the 20% darker color. If you saturate the color by 10%, you get $56, 44.838, 321.300$, and if you desaturate by 10%, it is $66, 21.297, 320.420$.

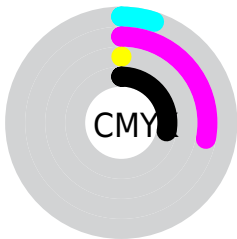
Distribution



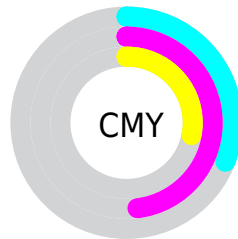
- Red (69%)
- Green (52%)
- Blue (72%)



- Red (69%)
- Yellow (52%)
- Blue (72%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)





- Cyan (31%)
- Magenta (48%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.132, 320.872 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, 33.132, 320.872 by changing the saturation by 10% instead.


 61, 33.132,
320.872


 61, 33.132,
320.872


 100, 33.132,
320.872


 51, 33.132,
320.872


 81, 33.132,
320.872

 41, 33.132,
320.872

 91, 33.132,
320.872

 31, 33.132,
320.872

 21, 33.132,
320.872

 11, 33.132,
320.872

 1, 33.132, 320.872

 0, 33.132, 320.872

61, 33.132,
320.872

61, 33.132,
320.872

56, 44.838,
321.300

66, 21.297,
320.420

52, 56.140,
321.683

71, 9.529, 319.957

76, 2.049, 139.634

48, 66.649,
321.990

81, 13.367,
139.125

45, 75.884,
322.183

86, 24.383,
138.716

42, 83.324,
322.224

91, 35.083,
138.337

40, 88.533,
322.075


95, 41.641,
137.666

38, 91.511,
321.730

95, 41.058,
136.378

38, 91.972,

321.664

 95, 40.494,
135.040

Harmonies

Complementary

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



61, 33.132, 320.872



71, 32.775, 138.108

Rectangle

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



61, 33.132, 320.872



61, 33.132, 10.872



61, 33.132, 140.872



61, 33.132, 190.872

Sweetspot

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



61, 33.130, 320.872



90, 11.493, 319.953



60, 24.149, 285.225



47, 8.173, 320.024



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 33.130, 320.872



74, 49.424, 321.148



61, 27.884, 337.014



36, 6.560, 320.010



32, 81.081, 321.744



2, 17.402, 317.421

Inverse Universe

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



61, 21.539, 8.343



74, 32.586, 9.280



71, 27.562, 152.715



36, 4.102, 6.108



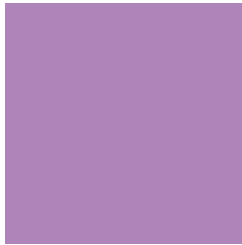
32, 64.930, 30.641



2, 10.842, 9.007

Previews

White Background



This preview shows how the CIELCh color 61, 33.132, 320.872 looks on a white background.

Color Contrast Check

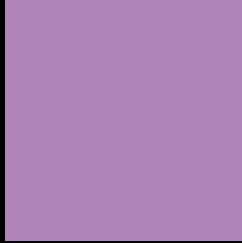
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.132, 320.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

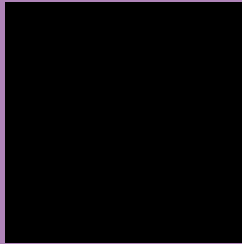
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.132, 320.872

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.132, 320.872.




This preview shows how white text looks on a background with the CIELCh color 61, 33.132, 320.872.

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
61, 13.646, 354.015

Trichromacy



Original Color
61, 33.132, 320.872

Protanomaly
61, 28.405, 298.717

Deuteranomaly
61, 24.933, 305.009

Tritanomaly
61, 19.782, 333.941

Monochromacy



Original Color
61, 33.132, 320.872

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.324, 320.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.132, 320.872 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(175, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 132, 184)  
}
```

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(175, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 132, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.132, 320.872 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(175, 132, 184) }
```

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

```
.border{ border-color:rgb(175, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 132,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.132, 320.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 132, 184) }
```

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

```
.background{ background-color: rgb(175,  
132, 184) }
```

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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