

Converting Colors

CIELCh(60, 34.025, 322.598)

Have a look what the booklet for
CIELCh(60, 34.025, 322.598)
contains.

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Color

CIELCh(60, 33.712, 322.627)

Conversions

Conversions Part 1

Format	Color
Hex	AF81B5
RGB	175, 129, 181
RGB Percent	69%, 51%, 71%
CMY	0.3140, 0.4944, 0.2905
CMYK	0.03, 0.29, 0.00, 0.29
HSL	293°, 26%, 61%
HSV	293°, 29%, 71%
XYZ	33.8396, 28.1233, 47.3248
YIQ	148.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

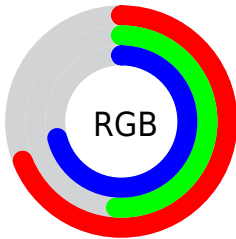
Format	Color
RYB	175, 129, 181
Decimal	11502005
CIELab	60.00, 26.79, -20.46
CIELCh	60, 33.712, 322.627
Yxy	28.1233, 0.3096, 0.2573
Android (android.graphics.Color)	4289692085 (0xFFAF81B5)
YUV	148.6820, 15.9328, 23.0809
Hunter-Lab	53.0314, 21.0967, -15.7878

Details

The CIELCh color $60, 33.712, 322.627$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 33.481, 139.622$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 33.937, 322.573$, and $40, 33.719, 322.792$ is the 20% darker color. If you saturate the color by 10%, you get $56, 45.297, 323.072$, and if you desaturate by 10%, it is $65, 21.927, 322.156$.

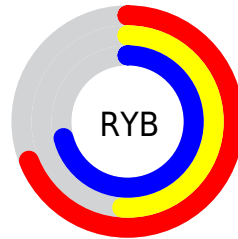
Distribution



Red (69%)

Green (51%)

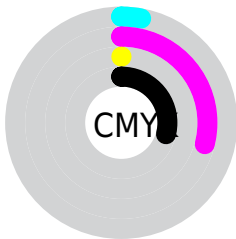
Blue (71%)



Red (69%)

Yellow (51%)

Blue (71%)

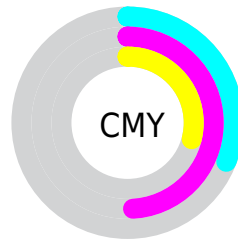


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (49%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 33.712, 322.627 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, 33.712, 322.627 by changing the saturation by 10% instead.


 60, 33.712,
322.627


 60, 33.712,
322.627


 100, 33.712,
322.627


 50, 33.712,
322.627


 80, 33.712,
322.627

 40, 33.712,
322.627

 90, 33.712,
322.627


 30, 33.712,
322.627

 20, 33.712,
322.627

 10, 33.712,
322.627

 0, 33.712, 322.627

 60, 33.712,

 60, 33.712,

322.627

56, 45.297,
323.072

52, 56.385,
323.470

48, 66.574,
323.796

45, 75.390,
324.018

42, 82.353,
324.107

41, 87.100,
324.036

39, 89.762,
323.814

39, 90.059,
323.784

322.627

65, 21.927,
322.156

69, 10.161,
321.670

74, 1.446, 141.369


79, 12.808,
140.783

84, 23.876,
140.342

89, 34.625,
139.929

94, 44.699,
139.532

94, 44.300,
138.789

 94, 43.907,
138.027

Harmonies

Complementary

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



60, 33.712, 322.627



69, 33.481, 139.622

Rectangle

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



60, 33.712, 322.627



60, 33.712, 12.627



60, 33.712, 142.627



60, 33.712, 192.627

Sweetspot

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



60, 33.710, 322.627



87, 12.932, 321.690



57, 26.210, 288.718



46, 8.988, 321.761



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 33.710, 322.627



73, 49.208, 322.891



60, 26.738, 340.132



35, 6.517, 321.698



33, 79.567, 323.840



2, 15.424, 319.715

Inverse Universe

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



59, 21.488, 12.833



72, 31.896, 13.676



69, 26.253, 155.451



35, 3.949, 10.618



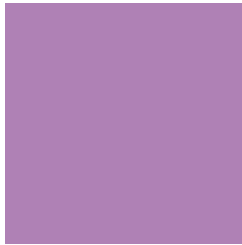
31, 66.550, 34.294



2, 9.248, 12.034

Previews

White Background



This preview shows how the CIELCh color 60, 33.712, 322.627 looks on a white background.

Color Contrast Check

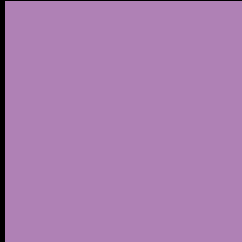
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.712, 322.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

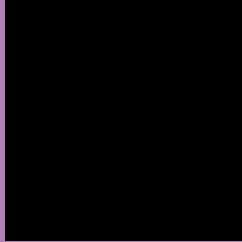
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.712, 322.627

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.712, 322.627.




This preview shows how white text looks on a background with the CIELCh color 60, 33.712, 322.627.

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, 14.582, 358.359

Trichromacy



Original Color
60, 33.712, 322.627

Protanomaly
60, 28.028, 300.229

Deuteranomaly
60, 24.637, 306.930

Tritanomaly
60, 20.919, 337.297

Monochromacy



Original Color
60, 33.712, 322.627

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.354, 320.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.712, 322.627 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, 129, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 181)  
}
```

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, 129, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.712, 322.627 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, 129, 181) }
```

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

```
.border{ border-color:rgb(175, 129, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 129, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.712, 322.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 181) }
```

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

```
.background{ background-color: rgb(175,  
129, 181) }
```

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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