

Converting Colors

CIELCh(60, 32.084, 324.137)

Have a look what the booklet for
CIELCh(60, 32.084, 324.137)
contains.

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Color

CIELCh(60, 32.317, 324.160)

Conversions

Conversions Part 1

Format	Color
Hex	AF81B2
RGB	175, 129, 178
RGB Percent	69%, 51%, 70%
CMY	0.3128, 0.4932, 0.3010
CMYK	0.02, 0.27, 0.00, 0.30
HSL	296°, 24%, 60%
HSV	296°, 27%, 70%
XYZ	33.6700, 28.1233, 45.8954
YIQ	148.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

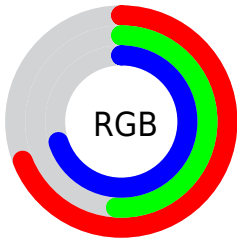
Format	Color
RYB	175, 129, 178
Decimal	11502002
CIELab	60.00, 26.20, -18.92
CIELCh	60, 32.317, 324.160
Yxy	28.1233, 0.3127, 0.2612
Android (android.graphics.Color)	4289692082 (0xFFAF81B2)
YUV	148.3400, 14.6224, 23.3808
Hunter-Lab	53.0314, 20.5259, -14.1898

Details

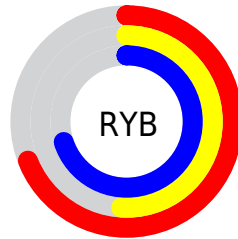
The CIELCh color $60, 32.317, 324.160$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 32.207, 141.100$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 32.611, 324.019$, and $40, 32.238, 324.433$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.882, 324.635$, and if you desaturate by 10%, it is $64, 20.530, 323.660$.

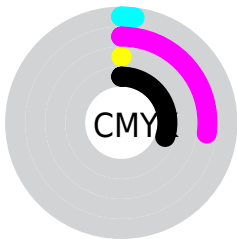
Distribution



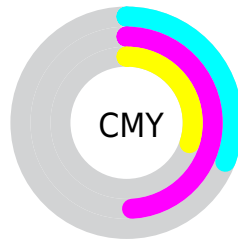
- Red (69%)
- Green (51%)
- Blue (70%)



- Red (69%)
- Yellow (51%)
- Blue (70%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (49%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 32.317, 324.160 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, 32.317, 324.160 by changing the saturation by 10% instead.


 60, 32.317,
324.160


 60, 32.317,
324.160


 100, 32.317,
324.160


 50, 32.317,
324.160


 80, 32.317,
324.160

 40, 32.317,
324.160

 90, 32.317,
324.160


 30, 32.317,
324.160

 20, 32.317,
324.160

 10, 32.317,
324.160

 0, 32.317, 324.160

 60, 32.317,

 60, 32.317,

324.160

56, 43.882,
324.635

52, 54.925,
325.068

48, 65.046,
325.438

45, 73.790,
325.721

43, 80.703,
325.895

42, 85.456,
325.944

41, 88.091,
325.869

40, 88.631,
325.845

324.160

64, 20.530,
323.660

69, 8.747, 323.143

74, 2.884, 142.748


79, 14.270,
142.202

84, 25.359,
141.730

89, 36.124,
141.286

94, 46.556,
140.870

94, 46.937,
140.515

 94, 46.725,
140.159

Harmonies

Complementary

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



60, 32.317, 324.160



68, 32.207, 141.100

Rectangle

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



60, 32.317, 324.160



60, 32.317, 14.160



60, 32.317, 144.160



60, 32.317, 194.160

Sweetspot

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



60, 32.315, 324.160



87, 11.573, 323.177



57, 26.153, 290.774



46, 8.299, 323.256



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, 32.315, 324.160



73, 47.978, 324.452



60, 24.451, 342.520



35, 6.624, 323.240



34, 79.192, 325.873



2, 15.793, 321.932

Inverse Universe

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



59, 20.220, 16.860



72, 30.658, 17.673



69, 23.879, 157.857



35, 3.918, 14.960



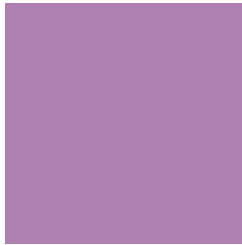
31, 68.690, 37.024



2, 9.186, 15.477

Previews

White Background



This preview shows how the CIELCh color 60, 32.317, 324.160 looks on a white background.

Color Contrast Check

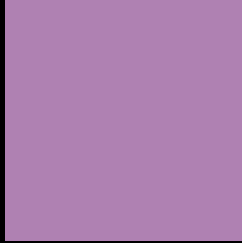
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 32.317, 324.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

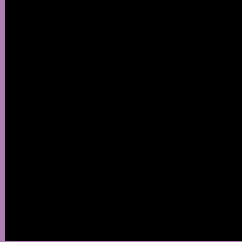
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 32.317, 324.160

Background



This preview shows how black text looks on a background with the CIELCh color 60, 32.317, 324.160.




This preview shows how white text looks on a background with the CIELCh color 60, 32.317, 324.160.

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, 15.530, 357.684

Trichromacy



Original Color
60, 32.317, 324.160

Protanomaly
60, 26.357, 300.574

Deuteranomaly
60, 23.645, 308.426

Tritanomaly
60, 20.831, 339.238

Monochromacy



Original Color
60, 32.317, 324.160

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.070, 323.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 32.317, 324.160 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 32.317, 324.160 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, 178) }
```

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

```
.border{ border-color:rgb(175, 129, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 32.317, 324.160 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, 178) }
```

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

```
.background{ background-color: rgb(175,  
129, 178) }
```

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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