

Converting Colors

CIELCh(61, 35.136, 318.500)

Have a look what the booklet for
CIELCh(61, 35.136, 318.500)
contains.

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Color

CIELCh(61, 35.418, 318.175)

Conversions

Conversions Part 1

Format	Color
Hex	AE84BD
RGB	174, 132, 189
RGB Percent	68%, 52%, 74%
CMY	0.3170, 0.4817, 0.2581
CMYK	0.08, 0.30, 0.00, 0.26
HSL	284°, 30%, 63%
HSV	284°, 30%, 74%
XYZ	34.9728, 29.2481, 52.0465
YIQ	151.0560, 6.7350, 26.6310

Conversions

Conversions Part 2

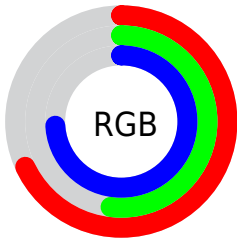
Format	Color
RYB	174, 132, 189
Decimal	11437245
CIELab	61.00, 26.39, -23.62
CIElCh	61, 35.418, 318.175
Yxy	29.2481, 0.3008, 0.2516
Android (android.graphics.Color)	4289627325 (0xFFAE84BD)
YUV	151.0560, 18.7064, 20.1219
Hunter-Lab	54.0815, 20.7876, -19.2019

Details

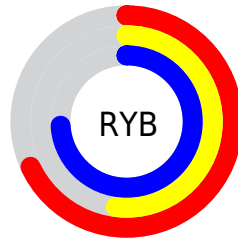
The CIELCh color **61, 35.418, 318.175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72, 34.750, 135.415**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 35.525, 318.358**, and **41, 35.080, 318.480** is the 20% darker color. If you saturate the color by 10%, you get **56, 47.233, 318.589**, and if you desaturate by 10%, it is **66, 23.525, 317.740**.

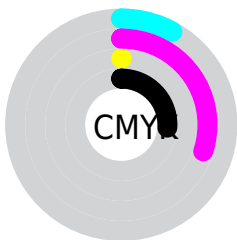
Distribution



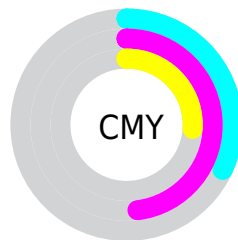
- Red (68%)
- Green (52%)
- Blue (74%)



- Red (68%)
- Yellow (52%)
- Blue (74%)



- Cyan (8%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)





- Cyan (32%)
- Magenta (48%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.418, 318.175 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, 35.418, 318.175 by changing the saturation by 10% instead.


 61, 35.418,
318.175


 61, 35.418,
318.175


 100, 35.418,
318.175


 51, 35.418,
318.175


 81, 35.418,
318.175

 41, 35.418,
318.175

 91, 35.418,
318.175

 31, 35.418,
318.175

 21, 35.418,
318.175

 11, 35.418,
318.175

 1, 35.418, 318.175

 0, 35.418, 318.175

61, 35.418,
318.175

61, 35.418,
318.175

56, 47.233,
318.589

66, 23.525,
317.740

51, 58.703,
318.955

71, 11.737,
317.299

47, 69.436,
319.236

77, 0.162, 315.768

43, 78.922,
319.382

82, 11.138,
136.515

40, 86.580,
319.338

87, 22.132,
136.135

38, 91.903,
319.049

93, 32.809,
135.789

36, 95.049,
318.540

95, 37.518,
134.466

96, 36.700,
132.065

■ 96, 35.948,
129.524

Harmonies

Complementary

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



61, 35.418, 318.175



72, 34.750, 135.415

Rectangle

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



61, 35.418, 318.175



61, 35.418, 8.175



61, 35.418, 138.175



61, 35.418, 188.175

Sweetspot

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



61, 35.416, 318.175



91, 12.839, 317.255



61, 23.882, 280.529



47, 8.931, 317.320



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, 35.416, 318.175



74, 52.242, 318.446



62, 32.196, 333.715



37, 6.545, 317.265



30, 83.179, 318.657



2, 19.143, 314.068

Inverse Universe

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



61, 24.117, 1.907



74, 35.850, 2.878



72, 32.002, 149.404



37, 4.343, 359.386



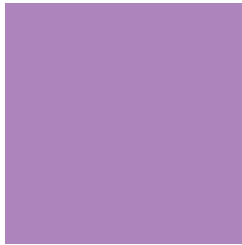
33, 62.238, 23.612



3, 12.717, 4.613

Previews

White Background



This preview shows how the CIELCh color 61, 35.418, 318.175 looks on a white background.

Color Contrast Check

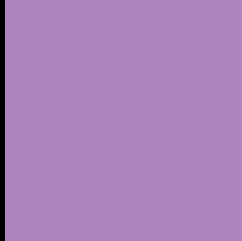
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.418, 318.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

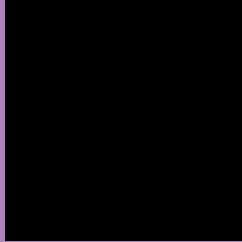
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.418, 318.175

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.418, 318.175.



This preview shows how white text looks on a background with the CIELCh color 61, 35.418, 318.175.

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, 12.581, 351.387

Trichromacy



Original Color
61, 35.418, 318.175

Protanomaly
61, 30.579, 297.224

Deuteranomaly
61, 27.551, 302.469

Tritanomaly
61, 20.122, 330.035

Monochromacy



Original Color
61, 35.418, 318.175

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 13.140, 316.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.418, 318.175 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(174, 132, 189)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 189)  
}
```

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(174, 132, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.418, 318.175 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(174, 132, 189) }
```

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

```
.border{ border-color:rgb(174, 132, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 189);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.418, 318.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 189) }
```

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

```
.background{ background-color: rgb(174,  
132, 189) }
```

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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