

Converting Colors

CIELCh(60, 32.066, 316.169)

Have a look what the booklet for
CIELCh(60, 32.066, 316.169)
contains.

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Color

CIELCh(60, 32.003, 316.073)

Conversions

Conversions Part 1

Format	Color
Hex	A784B8
RGB	167, 132, 184
RGB Percent	65%, 52%, 72%
CMY	0.3456, 0.4828, 0.2790
CMYK	0.09, 0.28, 0.00, 0.28
HSL	280°, 27%, 62%
HSV	280°, 28%, 72%
XYZ	32.7790, 28.1233, 48.9728
YIQ	148.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

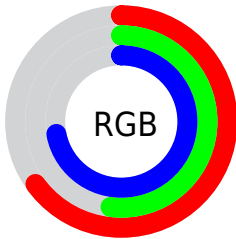
Format	Color
R_{YB}	167, 132, 184
Decimal	10978488
CIE _{Lab}	60.00, 23.05, -22.20
CIE _{LCh}	60, 32.003, 316.073
Yxy	28.1233, 0.2983, 0.2560
Android (android.graphics.Color)	4289168568 (0xFFA784B8)
YUV	148.3930, 17.5543, 16.3183
Hunter-Lab	53.0314, 17.5269, -17.6304

Details

The CIELCh color $60, 32.003, 316.073$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 31.265, 133.573$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 32.213, 316.424$, and $40, 32.113, 315.786$ is the 20% darker color. If you saturate the color by 10%, you get $55, 43.519, 316.503$, and if you desaturate by 10%, it is $65, 20.514, 315.633$.

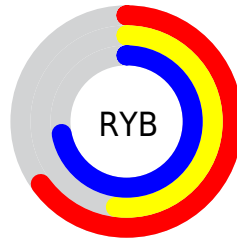
Distribution



Red (65%)

Green (52%)

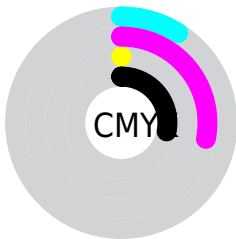
Blue (72%)



Red (65%)

Yellow (52%)

Blue (72%)

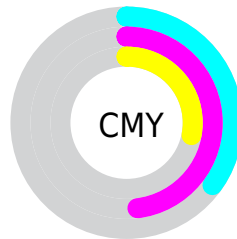


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 32.003, 316.073 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, 32.003, 316.073 by changing the saturation by 10% instead.

60, 32.003,
316.073

60, 32.003,
316.073

100, 32.003,
316.073

50, 32.003,
316.073

80, 32.003,
316.073

40, 32.003,
316.073

90, 32.003,
316.073

30, 32.003,
316.073

20, 32.003,
316.073

10, 32.003,
316.073

0, 32.003, 316.073

60, 32.003,

60, 32.003,

316.073

55, 43.519,
316.503

50, 54.848,
316.897

46, 65.654,
317.218

42, 75.470,
317.414

38, 83.715,
317.419

36, 89.800,
317.165

34, 93.557,
316.626

33, 94.140,
316.531

316.073

65, 20.514,
315.633

70, 9.194, 315.197

76, 1.881, 134.894

81, 12.668,
134.442

86, 23.150,
134.087

92, 33.324,
133.767

95, 39.930,
132.751

96, 38.994,
129.958

■ 96, 38.152,
126.987

Harmonies

Complementary

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



60, 32.003, 316.073



71, 31.265, 133.573

Rectangle

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



60, 32.003, 316.073



60, 32.003, 6.073



60, 32.003, 136.073



60, 32.003, 186.073

Sweetspot

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



60, 32.001, 316.073



89, 11.022, 315.191



62, 20.143, 275.384



47, 7.841, 315.256



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 32.001, 316.073



73, 47.896, 316.346



61, 30.924, 331.120



36, 6.293, 315.243



28, 83.134, 316.658



2, 16.550, 311.188

Inverse Universe

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



61, 22.583, 357.124



74, 33.919, 357.998



70, 30.831, 147.336



36, 4.381, 354.932



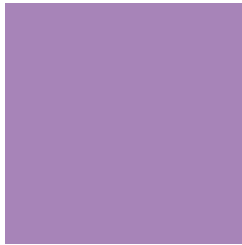
32, 59.691, 17.819



2, 11.309, 0.320

Previews

White Background



This preview shows how the CIELCh color 60, 32.003, 316.073 looks on a white background.

Color Contrast Check

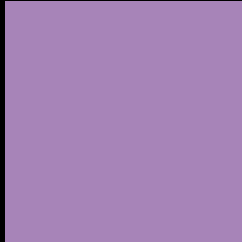
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.003, 316.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

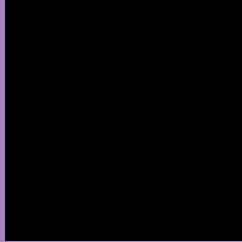
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 32.003, 316.073

Background



This preview shows how black text looks on a background with the CIELCh color 60, 32.003, 316.073.

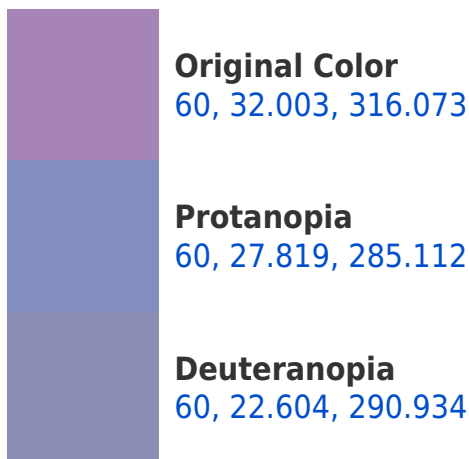


This preview shows how white text looks on a background with the CIELCh color 60, 32.003, 316.073.

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, 11.262, 347.223

Trichromacy



Original Color
60, 32.003, 316.073

Protanomaly
60, 28.392, 296.693

Deuteranomaly
60, 25.903, 302.245

Tritanomaly
60, 18.154, 327.364

Monochromacy



Original Color
60, 32.003, 316.073

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.841, 315.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 32.003, 316.073 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(167, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 132, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 32.003, 316.073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

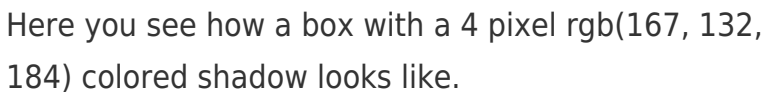
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 132, 184) }
```

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

```
.border{ border-color:rgb(167, 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(167, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 132, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 132, 184); box-shadow:4px 4px 4px 4px rgb(167, 132, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 32.003, 316.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 132, 184) }
```

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

```
.background{ background-color: rgb(167,  
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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