

Converting Colors

CIELCh(64, 32.389, 313.304)

Have a look what the booklet for
CIELCh(64, 32.389, 313.304)
contains.

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Color

CIELCh(64, 32.276, 313.439)

Conversions

Conversions Part 1

Format	Color
Hex	AF8FC5
RGB	175, 143, 197
RGB Percent	69%, 56%, 77%
CMY	0.3136, 0.4391, 0.2273
CMYK	0.11, 0.27, 0.00, 0.23
HSL	276°, 32%, 67%
HSV	276°, 27%, 77%
XYZ	37.5922, 32.8017, 57.1891
YIQ	158.7240, 1.7380, 23.5780

Conversions

Conversions Part 2

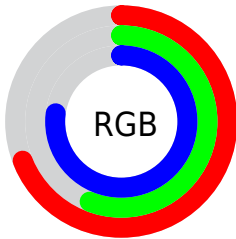
Format	Color
R_{YB}	175, 143, 197
Decimal	11505605
CIE _{Lab}	64.00, 22.19, -23.44
CIE _{LCh}	64, 32.276, 313.439
Yxy	32.8017, 0.2946, 0.2571
Android (android.graphics.Color)	4289695685 (0xFFAF8FC5)
YUV	158.7240, 18.8701, 14.2741
Hunter-Lab	57.2727, 16.9350, -19.1125

Details

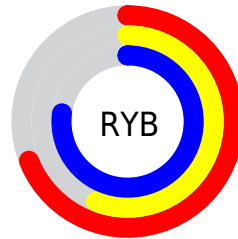
The CIELCh color `64, 32.276, 313.439` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `76, 31.332, 131.004`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 32.354, 313.351`, and `44, 32.512, 313.644` is the 20% darker color. If you saturate the color by 10%, you get `59, 44.391, 313.906`, and if you desaturate by 10%, it is `70, 20.282, 312.975`.

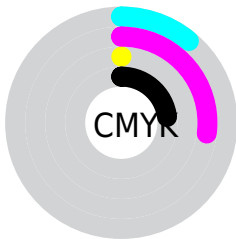
Distribution



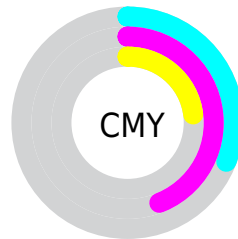
- Red (69%)
- Green (56%)
- Blue (77%)



- Red (69%)
- Yellow (56%)
- Blue (77%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)





- Cyan (31%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 32.276, 313.439 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 64, 32.276, 313.439 by changing the saturation by 10% instead.

 64, 32.276,
313.439


 64, 32.276,
313.439


 100, 32.276,
313.439


 54, 32.276,
313.439


 84, 32.276,
313.439

 44, 32.276,
313.439

 94, 32.276,
313.439

 34, 32.276,
313.439

 24, 32.276,
313.439

 14, 32.276,
313.439

 4, 32.276, 313.439

 0, 32.276, 313.439

64, 32.276,
313.439

64, 32.276,
313.439

59, 44.391,
313.906

70, 20.282,
312.975

53, 56.439,
314.353

75, 8.527, 312.526

81, 2.932, 132.184

48, 68.104,
314.739

87, 14.067,
131.770

44, 78.915,
315.007

92, 24.870,
131.427

40, 88.234,
315.081

97, 31.687,
129.724

36, 95.343,
314.870


97, 30.654,
124.733

34, 99.802,
314.314

98, 29.876,
119.347

34, 100.785,

314.158

 98, 29.387,
113.643

Harmonies

Complementary

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



64, 32.276, 313.439



76, 31.332, 131.004

Rectangle

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



64, 32.276, 313.439



64, 32.276, 3.439



64, 32.276, 133.439



64, 32.276, 183.439

Sweetspot

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



64, 32.274, 313.439



94, 11.365, 312.558



67, 18.711, 268.120



49, 8.092, 312.626



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 32.274, 313.439



77, 48.159, 313.725



66, 33.583, 328.335



39, 6.594, 312.615



27, 87.538, 314.309



3, 22.815, 309.458

Inverse Universe

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



65, 24.049, 351.703



79, 35.854, 352.474



75, 33.552, 144.860



39, 4.902, 349.751



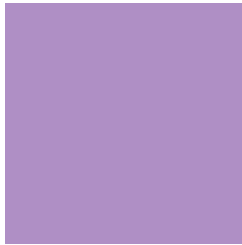
34, 60.613, 10.419



4, 17.096, 358.465

Previews

White Background



This preview shows how the CIELCh color 64, 32.276, 313.439 looks on a white background.

Color Contrast Check

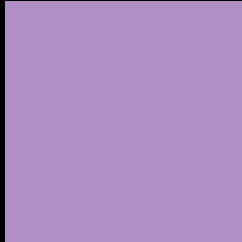
Large Text (above 18pt) WCAG AA × Fail

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 64, 32.276, 313.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

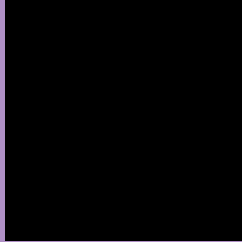
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 32.276, 313.439

Background



This preview shows how black text looks on a background with the CIELCh color 64, 32.276, 313.439.

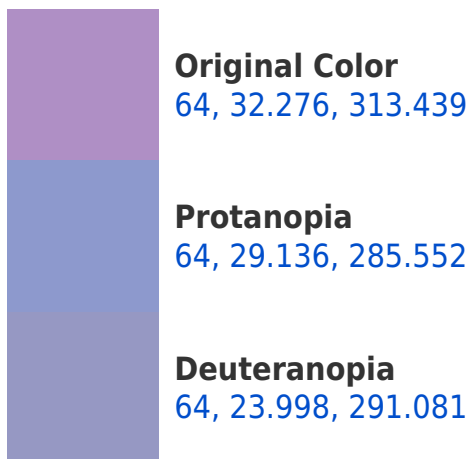



This preview shows how white text looks on a background with the CIELCh color 64, 32.276, 313.439.

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
64, 9.550, 340.456

Trichromacy



Original Color
64, 32.276, 313.439

Protanomaly
64, 29.692, 295.846

Deuteranomaly
64, 26.560, 300.331

Tritanomaly
64, 17.582, 322.123

Monochromacy



Original Color
64, 32.276, 313.439

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.051, 312.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 32.276, 313.439 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, 143, 197)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 197)  
}
```

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, 143, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 32.276, 313.439 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, 143, 197) }
```

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

```
.border{ border-color:rgb(175, 143, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 143, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 197);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 32.276, 313.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 197) }
```

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

```
.background{ background-color: rgb(175,  
143, 197) }
```

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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