

Converting Colors

CIELCh(61, 46.212, 326.756)

Have a look what the booklet for
CIELCh(61, 46.212, 326.756)
contains.

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Color

CIELCh(61, 46.627, 326.402)

Conversions

Conversions Part 1

Format	Color
Hex	C17AC1
RGB	193, 122, 193
RGB Percent	76%, 48%, 76%
CMY	0.2418, 0.5203, 0.2418
CMYK	0.00, 0.37, 0.00, 0.24
HSL	300°, 37%, 62%
HSV	300°, 37%, 76%
XYZ	38.7450, 29.2481, 54.2567
YIQ	151.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

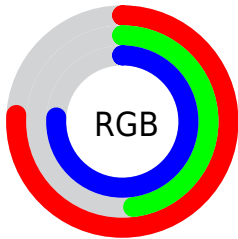
Format	Color
RYB	193, 122, 193
Decimal	12679873
CIELab	61.00, 38.84, -25.80
CIElCh	61, 46.627, 326.402
Yxy	29.2481, 0.3169, 0.2392
Android (android.graphics.Color)	4290869953 (0xFFC17AC1)
YUV	151.3230, 20.5468, 36.5507
Hunter-Lab	54.0815, 33.2380, -21.6249

Details

The CIELCh color $61, 46.627, 326.402$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $72, 46.682, 141.749$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 46.680, 326.441$, and $41, 46.555, 326.483$ is the 20% darker color. If you saturate the color by 10%, you get $57, 58.483, 326.882$, and if you desaturate by 10%, it is $65, 34.131, 325.884$.

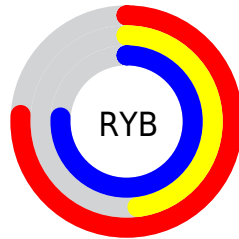
Distribution



Red (76%)

Green (48%)

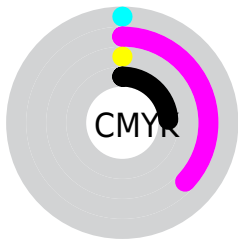
Blue (76%)



Red (76%)

Yellow (48%)

Blue (76%)

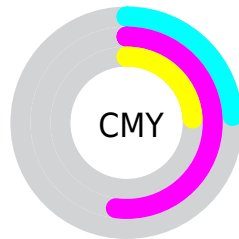


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 46.627, 326.402 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, 46.627, 326.402 by changing the saturation by 10% instead.


 61, 46.627,
326.402


 61, 46.627,
326.402


 100, 46.627,
326.402


 51, 46.627,
326.402


 81, 46.627,
326.402

 41, 46.627,
326.402

 91, 46.627,
326.402

 31, 46.627,
326.402

 21, 46.627,
326.402

 11, 46.627,
326.402

 1, 46.627, 326.402

 0, 46.627, 326.402

61, 46.627,
326.402

61, 46.627,
326.402

57, 58.483,
326.882

65, 34.131,
325.884

54, 69.269,
327.308

70, 21.354,
325.343

51, 78.496,
327.664

75, 8.550, 324.781

48, 85.708,
327.936

80, 4.102, 144.331

47, 90.606,
328.117

85, 16.491,
143.756

46, 93.215,
328.213

90, 28.548,
143.241

46, 93.838,
328.236

95, 38.646,
142.818

95, 38.645,
142.819

■ 95, 38.645,
142.819

Harmonies

Complementary

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



61, 46.627, 326.402



72, 46.682, 141.749

Rectangle

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



61, 46.627, 326.402



61, 46.627, 16.402



61, 46.627, 146.402



61, 46.627, 196.402

Sweetspot

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



61, 46.625, 326.402



92, 17.394, 325.034



54, 40.954, 294.937



49, 11.791, 325.112



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 46.625, 326.402



74, 68.629, 326.789



60, 33.522, 347.199



38, 7.225, 324.933



38, 81.801, 328.236



4, 24.211, 326.362

Inverse Universe

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



61, 46.625, 326.402



74, 68.629, 326.789



73, 32.080, 160.121



38, 7.225, 324.933



38, 81.801, 328.236



4, 24.211, 326.362

Previews

White Background



This preview shows how the CIELCh color 61, 46.627, 326.402 looks on a white background.

Color Contrast Check

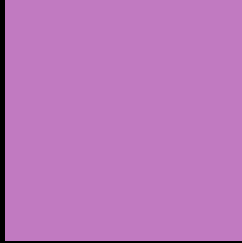
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.627, 326.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

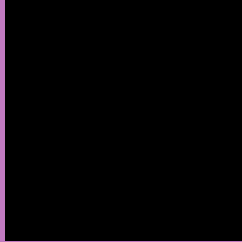
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.627, 326.402

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.627, 326.402.



This preview shows how white text looks on a background with the CIELCh color 61, 46.627, 326.402.

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



Original Color
61, 46.627, 326.402

Protanopia
61, 37.311, 285.708

Deuteranopia
61, 24.789, 288.975



Tritanopia
61, 22.388, 7.516

Trichromacy



Original Color
61, 46.627, 326.402



Protanomaly
61, 38.757, 300.997



Deuteranomaly
61, 31.536, 307.324



Tritanomaly
61, 29.016, 344.740

Monochromacy



Original Color
61, 46.627, 326.402



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 17.628, 325.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.627, 326.402 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(193, 122, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 122, 193)  
}
```

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(193, 122, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 122, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.627, 326.402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

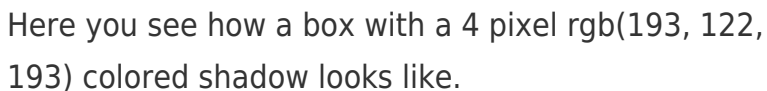
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 122, 193) }
```

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

```
.border{ border-color:rgb(193, 122, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 122, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 122, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 122, 193); box-shadow:4px 4px 4px 4px rgb(193, 122, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.627, 326.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 122, 193) }
```

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

```
.background{ background-color: rgb(193,  
122, 193) }
```

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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