

Converting Colors

CIELCh(61, 41.070, 317.230)

Have a look what the booklet for
CIELCh(61, 41.070, 317.230)
contains.

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Color

CIELCh(61, 41.070, 317.230)

Conversions

Conversions Part 1

Format	Color
Hex	B182C5
RGB	177, 130, 197
RGB Percent	69%, 51%, 77%
CMY	0.3068, 0.4910, 0.2284
CMYK	0.10, 0.34, 0.00, 0.23
HSL	282°, 37%, 64%
HSV	282°, 34%, 77%
XYZ	36.0842, 29.2481, 56.4276
YIQ	151.6910, 6.5050, 30.8010

Conversions

Conversions Part 2

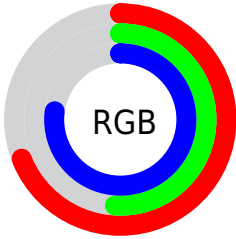
Format	Color
RYB	177, 130, 197
Decimal	11633349
CIELab	61.00, 30.15, -27.89
CIELCh	61, 41.070, 317.230
Yxy	29.2481, 0.2964, 0.2402
Android (android.graphics.Color)	4289823429 (0xFFB182C5)
YUV	151.6910, 22.3373, 22.1960
Hunter-Lab	54.0815, 24.4559, -24.0050

Details

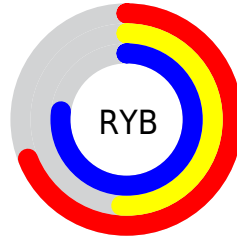
The CIELCh color $61, 41.070, 317.230$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 40.050, 134.131$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 40.778, 316.923$, and $41, 40.879, 317.001$ is the 20% darker color. If you saturate the color by 10%, you get $56, 53.159, 317.636$, and if you desaturate by 10%, it is $66, 28.847, 316.797$.

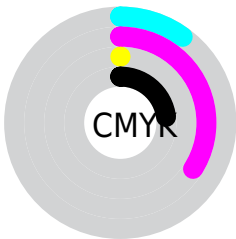
Distribution



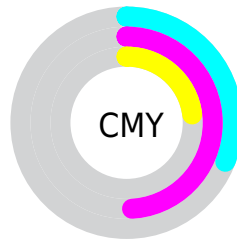
- Red (69%)
- Green (51%)
- Blue (77%)



- Red (69%)
- Yellow (51%)
- Blue (77%)



- Cyan (10%)
- Magenta (34%)
- Yellow (0%)
- Black (23%)





- Cyan (31%)
- Magenta (49%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 41.070, 317.230 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, 41.070, 317.230 by changing the saturation by 10% instead.


 61, 41.070,
317.230


 61, 41.070,
317.230


 100, 41.070,
317.230


 51, 41.070,
317.230


 81, 41.070,
317.230

 41, 41.070,
317.230

 91, 41.070,
317.230

 31, 41.070,
317.230

 21, 41.070,
317.230

 11, 41.070,
317.230

 1, 41.070, 317.230

 0, 41.070, 317.230

61, 41.070,
317.230

61, 41.070,
317.230

56, 53.159,
317.636

66, 28.847,
316.797

51, 64.805,
317.982

72, 16.703,
316.358

47, 75.558,
318.224

77, 4.760, 315.909

43, 84.843,
318.303

83, 6.908, 135.571

40, 92.036,
318.155

88, 18.264,
135.181

38, 96.656,
317.722

94, 29.294,
134.834

37, 98.516,
317.369

96, 32.607,
132.682

97, 31.726,
129.291

■ 97, 30.961,
125.669

Harmonies

Complementary

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



61, 41.070, 317.230



75, 40.050, 134.131

Rectangle

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



61, 41.070, 317.230



61, 41.070, 7.230



61, 41.070, 137.230



61, 41.070, 187.230

Sweetspot

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



61, 41.068, 317.230



93, 14.624, 316.187



62, 26.847, 279.002



49, 9.992, 316.250



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, 41.068, 317.230



73, 61.106, 317.542



63, 38.355, 332.720



39, 6.773, 316.154



30, 85.687, 317.497



3, 23.554, 314.015

Inverse Universe

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



62, 28.620, 359.942



74, 42.828, 1.164



74, 38.202, 147.870



39, 4.613, 356.887



34, 62.646, 20.656



4, 16.513, 4.305

Previews

White Background



This preview shows how the CIELCh color 61, 41.070, 317.230 looks on a white background.

Color Contrast Check

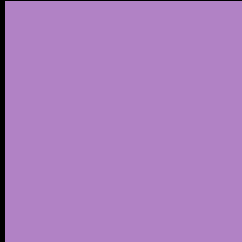
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.070, 317.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

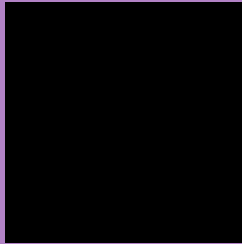
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 41.070, 317.230

Background



This preview shows how black text looks on a background with the CIELCh color 61, 41.070, 317.230.



This preview shows how white text looks on a background with the CIELCh color 61, 41.070, 317.230.

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, 41.070, 317.230

Protanopia
61, 36.182, 285.739

Deuteranopia
61, 27.634, 287.693



Tritanopia
61, 13.646, 354.015

Trichromacy



Original Color
61, 41.070, 317.230

Protanomaly
61, 37.368, 297.622

Deuteranomaly
61, 31.962, 300.824

Tritanomaly
61, 22.104, 329.709

Monochromacy



Original Color
61, 41.070, 317.230

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 15.492, 315.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 41.070, 317.230 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(177, 130, 197)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 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(177, 130, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 41.070, 317.230 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(177, 130, 197) }
```

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

```
.border{ border-color:rgb(177, 130, 197) }
```

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

Here you see how a box with a 4 pixel rgb(177, 130, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 130, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 130, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 130,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 41.070, 317.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 197) }
```

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

```
.background{ background-color: rgb(177,  
130, 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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