

Converting Colors

CIELCh(61, 33.494, 327.492)

Have a look what the booklet for
CIELCh(61, 33.494, 327.492)
contains.

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Color

CIELCh(61, 33.390, 327.616)

Conversions

Conversions Part 1

Format	Color
Hex	B682B3
RGB	182, 130, 179
RGB Percent	71%, 51%, 70%
CMY	0.2855, 0.4894, 0.2973
CMYK	0.00, 0.29, 0.02, 0.29
HSL	303°, 26%, 61%
HSV	303°, 29%, 71%
XYZ	35.5038, 29.2481, 46.5274
YIQ	151.1340, 15.2630, 26.2630

Conversions

Conversions Part 2

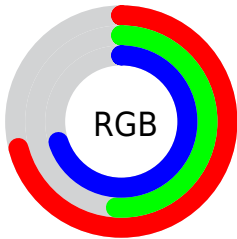
Format	Color
R_{YB}	182, 130, 179
Decimal	11961011
CIE _{Lab}	61.00, 28.20, -17.88
CIE _{LCh}	61, 33.390, 327.616
Yxy	29.2481, 0.3191, 0.2628
Android (android.graphics.Color)	4290151091 (0xFFB682B3)
YUV	151.1340, 13.7379, 27.0695
Hunter-Lab	54.0815, 22.5401, -13.1512

Details

The CIELCh color $61, 33.390, 327.616$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 33.372, 144.050$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.244, 327.774$, and $41, 33.074, 327.567$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.778, 328.165$, and if you desaturate by 10%, it is $65, 21.697, 327.053$.

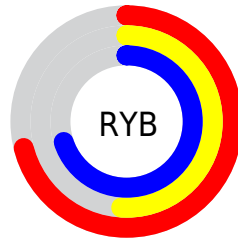
Distribution



Red (71%)

Green (51%)

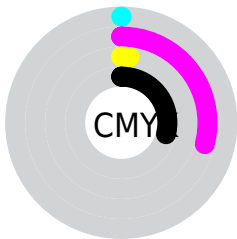
Blue (70%)



Red (71%)

Yellow (51%)

Blue (70%)

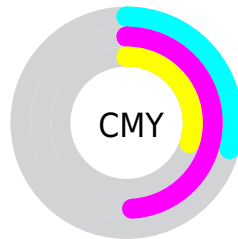


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (29%)



Cyan (29%)


Magenta (49%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.390, 327.616 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, 33.390, 327.616 by changing the saturation by 10% instead.


 61, 33.390,
327.616


 61, 33.390,
327.616


 100, 33.390,
327.616


 51, 33.390,
327.616


 81, 33.390,
327.616

 41, 33.390,
327.616

 91, 33.390,
327.616

 31, 33.390,
327.616

 21, 33.390,
327.616

 11, 33.390,
327.616

 1, 33.390, 327.616

 0, 33.390, 327.616

61, 33.390,
327.616

61, 33.390,
327.616

57, 44.778,
328.165

65, 21.697,
327.053

53, 55.529,
328.688

70, 9.953, 326.478

50, 65.222,
329.175

75, 1.672, 146.102

80, 13.068,
145.431

47, 73.392,
329.614

85, 24.173,
144.902

45, 79.612,
330.000

90, 34.952,
144.402

44, 83.612,
330.334

94, 43.783,
144.058

43, 85.579,
330.627

94, 43.346,
144.466

43, 85.814,

330.669

 94, 42.910,
144.882

Harmonies

Complementary

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



61, 33.390, 327.616



69, 33.372, 144.050

Rectangle

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



61, 33.390, 327.616



61, 33.390, 17.616



61, 33.390, 147.616



61, 33.390, 197.616

Sweetspot

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



61, 33.388, 327.616



88, 12.992, 326.514



56, 29.813, 295.263



47, 9.109, 326.599



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 33.388, 327.616



75, 49.111, 327.949



60, 24.076, 349.182



36, 6.643, 326.525



36, 76.397, 330.637



3, 17.751, 327.022

Inverse Universe

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



61, 33.388, 327.616



75, 49.111, 327.949



70, 23.027, 163.766



36, 6.643, 326.525



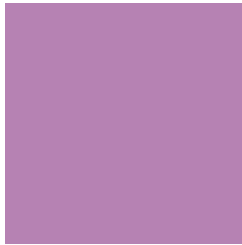
36, 76.397, 330.637



3, 17.751, 327.022

Previews

White Background



This preview shows how the CIELCh color 61, 33.390, 327.616 looks on a white background.

Color Contrast Check

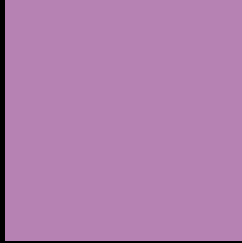
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 61, 33.390, 327.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

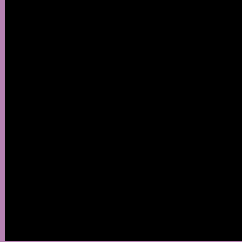
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.390, 327.616

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.390, 327.616.

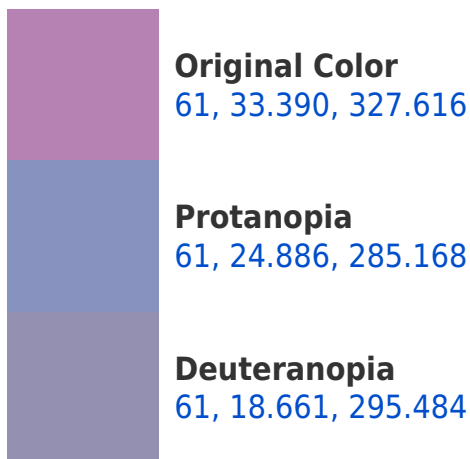


This preview shows how white text looks on a background with the CIELCh color 61, 33.390, 327.616.

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, 17.754, 1.104

Trichromacy



Original Color
61, 33.390, 327.616

Protanomaly
61, 26.449, 302.810

Deuteranomaly
61, 23.369, 311.379

Tritanomaly
61, 22.552, 343.551

Monochromacy



Original Color
61, 33.390, 327.616

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.479, 326.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.390, 327.616 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(182, 130, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 179)  
}
```

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(182, 130, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.390, 327.616 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(182, 130, 179) }
```

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

```
.border{ border-color:rgb(182, 130, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 130, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 130, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 130, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 130,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.390, 327.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 130, 179) }
```

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

```
.background{ background-color: rgb(182,  
130, 179) }
```

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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