

Converting Colors

CIELCh(61, 39.972, 326.188)

Have a look what the booklet for
CIELCh(61, 39.972, 326.188)
contains.

CIELCh(61, 39.784, 326.159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 39.784, 326.159)

Conversions

Conversions Part 1

Format	Color
Hex	BB7FBB
RGB	187, 127, 187
RGB Percent	73%, 50%, 73%
CMY	0.2675, 0.5027, 0.2674
CMYK	0.00, 0.32, 0.00, 0.27
HSL	300°, 31%, 61%
HSV	300°, 32%, 73%
XYZ	36.9568, 29.2481, 50.5990
YIQ	151.7800, 16.5000, 31.3800

Conversions

Conversions Part 2

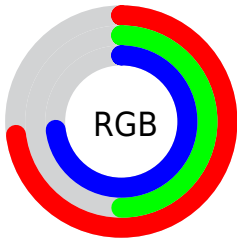
Format	Color
R_{YB}	187, 127, 187
Decimal	12287931
CIE _{Lab}	61.00, 33.04, -22.16
CIE _{LCh}	61, 39.784, 326.159
Yxy	29.2481, 0.3164, 0.2504
Android (android.graphics.Color)	4290478011 (0xFFBB7FBB)
YUV	151.7800, 17.3635, 30.8879
Hunter-Lab	54.0815, 27.3360, -17.6149

Details

The CIELCh color $61, 39.784, 326.159$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 39.799, 142.180$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 39.410, 326.289$, and $41, 40.324, 326.153$ is the 20% darker color. If you saturate the color by 10%, you get $57, 51.652, 326.658$, and if you desaturate by 10%, it is $65, 27.467, 325.630$.

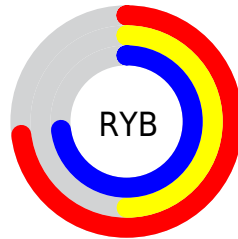
Distribution



Red (73%)

Green (50%)

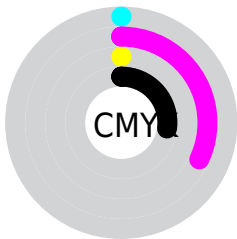
Blue (73%)



Red (73%)

Yellow (50%)

Blue (73%)

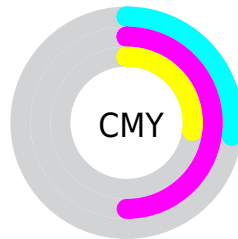


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (50%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 39.784, 326.159 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, 39.784, 326.159 by changing the saturation by 10% instead.


 61, 39.784,
326.159


 61, 39.784,
326.159


 100, 39.784,
326.159


 51, 39.784,
326.159


 81, 39.784,
326.159

 41, 39.784,
326.159

 91, 39.784,
326.159

 31, 39.784,
326.159

 21, 39.784,
326.159

 11, 39.784,
326.159

 1, 39.784, 326.159

 0, 39.784, 326.159

61, 39.784,
326.159

61, 39.784,
326.159

57, 51.652,
326.658

65, 27.467,
325.630

53, 62.691,
327.111

70, 15.004,
325.082

50, 72.444,
327.500

75, 2.605, 324.461

48, 80.442,
327.813

80, 9.590, 144.047

46, 86.307,
328.037

85, 21.495,
143.514

45, 89.878,
328.172

90, 33.060,
143.012

44, 91.465,
328.231

94, 42.743,
142.600

94, 42.743,
142.600

■ 94, 42.743,
142.600

Harmonies

Complementary

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



61, 39.784, 326.159



71, 39.799, 142.180

Rectangle

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



61, 39.784, 326.159



61, 39.784, 16.159



61, 39.784, 146.159



61, 39.784, 196.159

Sweetspot

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



61, 39.782, 326.159



90, 15.285, 324.973



56, 33.851, 293.536



47, 10.521, 325.052



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 39.782, 326.159



74, 59.274, 326.538



60, 28.779, 345.703



37, 7.068, 324.927



37, 80.849, 328.231



3, 21.489, 325.458

Inverse Universe

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



59, 25.113, 22.137



71, 38.673, 23.196



71, 27.769, 159.804



37, 4.096, 19.914



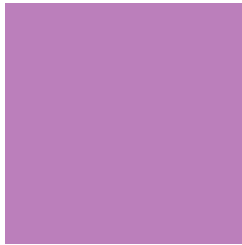
32, 72.801, 39.663



3, 12.251, 19.402

Previews

White Background



This preview shows how the CIELCh color 61, 39.784, 326.159 looks on a white background.

Color Contrast Check

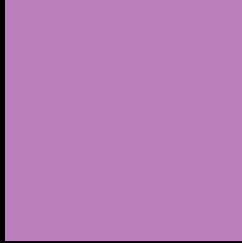
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.784, 326.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

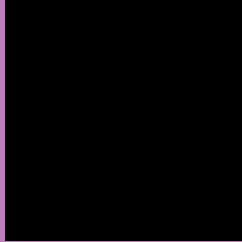
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 39.784, 326.159

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.784, 326.159.

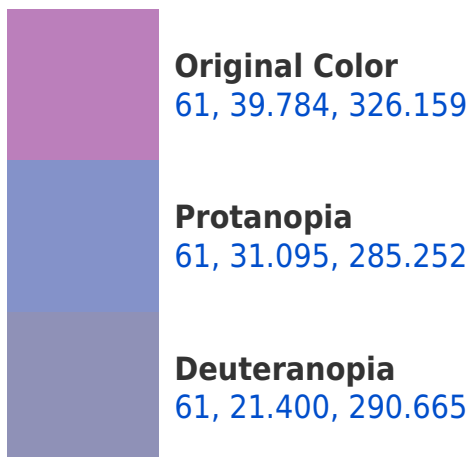


This preview shows how white text looks on a background with the CIELCh color 61, 39.784, 326.159.

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, 19.183, 4.614

Trichromacy



Original Color
61, 39.784, 326.159

Protanomaly
61, 32.558, 301.325

Deuteranomaly
61, 27.117, 308.785

Tritanomaly
61, 25.038, 343.487

Monochromacy



Original Color
61, 39.784, 326.159

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 14.936, 325.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.784, 326.159 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(187, 127, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 127, 187)  
}
```

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(187, 127, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 127, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.784, 326.159 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(187, 127, 187) }
```

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

```
.border{ border-color:rgb(187, 127, 187) }
```

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

Here you see how a box with a 4 pixel rgb(187, 127, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 127, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 127, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 127,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.784, 326.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 127, 187) }
```

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

```
.background{ background-color: rgb(187,  
127, 187) }
```

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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