

Converting Colors

CIELCh(61, 33.383, 325.923)

Have a look what the booklet for
CIELCh(61, 33.383, 325.923)
contains.

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Color

CIELCh(61, 33.421, 325.922)

Conversions

Conversions Part 1

Format	Color
Hex	B583B5
RGB	181, 131, 181
RGB Percent	71%, 51%, 71%
CMY	0.2916, 0.4875, 0.2915
CMYK	0.00, 0.28, 0.00, 0.29
HSL	300°, 25%, 61%
HSV	300°, 28%, 71%
XYZ	35.3516, 29.2481, 47.3129
YIQ	151.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

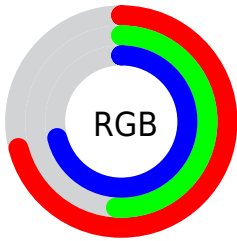
Format	Color
RYB	181, 131, 181
Decimal	11895733
CIELab	61.00, 27.68, -18.73
CIElCh	61, 33.421, 325.922
Yxy	29.2481, 0.3159, 0.2613
Android (android.graphics.Color)	4290085813 (0xFFB583B5)
YUV	151.6500, 14.4696, 25.7400
Hunter-Lab	54.0815, 22.0377, -14.0124

Details

The CIELCh color $61, 33.421, 325.922$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 33.415, 142.570$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.070, 325.640$, and $41, 33.147, 325.721$ is the 20% darker color. If you saturate the color by 10%, you get $57, 45.207, 326.435$, and if you desaturate by 10%, it is $65, 21.340, 325.385$.

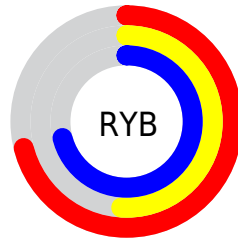
Distribution



Red (71%)

Green (51%)

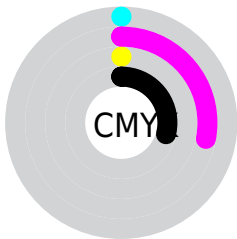
Blue (71%)



Red (71%)

Yellow (51%)

Blue (71%)

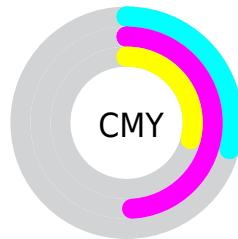


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (49%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.421, 325.922 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, 33.421, 325.922 by changing the saturation by 10% instead.


 61, 33.421,
325.922


 61, 33.421,
325.922


 100, 33.421,
325.922


 51, 33.421,
325.922


 81, 33.421,
325.922

 41, 33.421,
325.922

 91, 33.421,
325.922

 31, 33.421,
325.922

 21, 33.421,
325.922

 11, 33.421,
325.922

 1, 33.421, 325.922

 0, 33.421, 325.922

61, 33.421,
325.922

61, 33.421,
325.922

57, 45.207,
326.435

65, 21.340,
325.385

53, 56.369,
326.910

70, 9.219, 324.828

75, 2.773, 144.402

50, 66.490,
327.329

79, 14.523,
143.805

47, 75.112,
327.678

84, 25.966,
143.289

45, 81.813,
327.943

89, 37.068,
142.800

44, 86.326,
328.118

94, 46.566,
142.390

43, 88.759,
328.212

94, 46.565,
142.390

43, 89.220,

328.229

 94, 46.565,
142.389

Harmonies

Complementary

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



61, 33.421, 325.922



69, 33.415, 142.570

Rectangle

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



61, 33.421, 325.922



61, 33.421, 15.922



61, 33.421, 145.922



61, 33.421, 195.922

Sweetspot

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



61, 33.419, 325.922



88, 11.900, 324.855



57, 28.114, 292.838



46, 8.457, 324.940



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 33.419, 325.922



75, 49.152, 326.228



60, 24.098, 345.220



35, 6.750, 324.922



36, 78.927, 328.229



3, 16.261, 324.436

Inverse Universe

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



59, 20.707, 21.592



72, 31.208, 22.311



70, 23.359, 160.291



35, 3.911, 19.906



31, 70.927, 39.523



2, 9.156, 19.400

Previews

White Background



This preview shows how the CIELCh color 61, 33.421, 325.922 looks on a white background.

Color Contrast Check

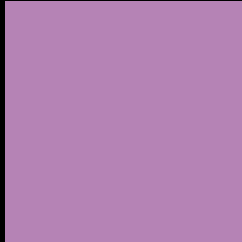
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.421, 325.922 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, 33.421, 325.922

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.421, 325.922.




This preview shows how white text looks on a background with the CIELCh color 61, 33.421, 325.922.

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, 16.603, 359.478

Trichromacy



Original Color
61, 33.421, 325.922

Protanomaly
61, 26.945, 301.900

Deuteranomaly
61, 23.788, 310.110

Tritanomaly
61, 21.641, 341.456

Monochromacy



Original Color
61, 33.421, 325.922

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.249, 325.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.421, 325.922 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(181, 131, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 131, 181)  
}
```

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(181, 131, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 131, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.421, 325.922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

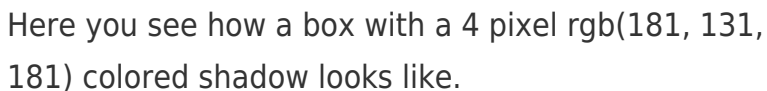
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 131, 181) }
```

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

```
.border{ border-color:rgb(181, 131, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 131, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 131, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 131, 181); box-shadow:4px 4px 4px 4px rgb(181, 131, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.421, 325.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 131, 181) }
```

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

```
.background{ background-color: rgb(181,  
131, 181) }
```

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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