

Converting Colors

CIELCh(61, 29.101, 331.031)

Have a look what the booklet for
CIELCh(61, 29.101, 331.031)
contains.

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Color

CIELCh(61, 29.307, 330.923)

Conversions

Conversions Part 1

Format	Color
Hex	B584AD
RGB	181, 132, 173
RGB Percent	71%, 52%, 68%
CMY	0.2911, 0.4832, 0.3225
CMYK	0.00, 0.27, 0.04, 0.29
HSL	310°, 25%, 61%
HSV	310°, 27%, 71%
XYZ	34.7450, 29.2481, 43.2349
YIQ	151.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

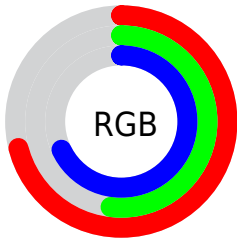
Format	Color
RYB	181, 132, 173
Decimal	11895981
CIELab	61.00, 25.61, -14.24
CIELCh	61, 29.307, 330.923
Yxy	29.2481, 0.3240, 0.2728
Android (android.graphics.Color)	4290086061 (0xFFB584AD)
YUV	151.3250, 10.6858, 26.0250
Hunter-Lab	54.0815, 20.0357, -9.5416

Details

The CIELCh color $61, 29.307, 330.923$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 29.218, 147.334$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 28.736, 331.053$, and $41, 29.227, 330.353$ is the 20% darker color. If you saturate the color by 10%, you get $57, 39.919, 331.564$, and if you desaturate by 10%, it is $66, 18.467, 330.293$.

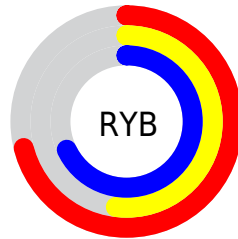
Distribution



Red (71%)

Green (52%)

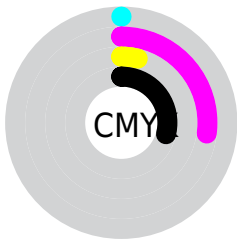
Blue (68%)



Red (71%)

Yellow (52%)

Blue (68%)

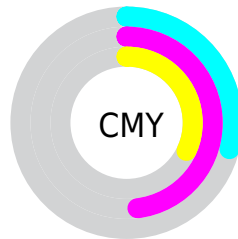


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 29.307, 330.923 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, 29.307, 330.923 by changing the saturation by 10% instead.


 61, 29.307,
330.923


 61, 29.307,
330.923


 100, 29.307,
330.923


 51, 29.307,
330.923


 81, 29.307,
330.923

 41, 29.307,
330.923

 91, 29.307,
330.923

 31, 29.307,
330.923

 21, 29.307,
330.923

 11, 29.307,
330.923

 1, 29.307, 330.923

 0, 29.307, 330.923

61, 29.307,
330.923

61, 29.307,
330.923

57, 39.919,
331.564

66, 18.467,
330.293

53, 50.003,
332.212

70, 7.624, 329.663

49, 59.163,
332.868

75, 3.079, 149.200

46, 66.938,
333.535

80, 13.553,
148.565

44, 72.878,
334.224

85, 23.748,
148.016

42, 76.655,
334.954

90, 33.642,
147.498


42, 78.283,
335.750

94, 41.268,
147.332

41, 78.598,

94, 40.081,
148.653

335.986

 94, 38.910,
150.048

Harmonies

Complementary

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



61, 29.307, 330.923



69, 29.218, 147.334

Rectangle

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



61, 29.307, 330.923



61, 29.307, 20.923



61, 29.307, 150.923



61, 29.307, 200.923

Sweetspot

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



61, 29.305, 330.923



88, 10.629, 329.730



57, 28.143, 298.461



46, 7.555, 329.824



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, 29.305, 330.923



74, 44.004, 331.336



60, 21.533, 355.397



35, 6.030, 329.805



35, 69.610, 335.868



2, 13.795, 331.757

Inverse Universe

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



61, 29.305, 330.923



74, 44.004, 331.336



70, 20.177, 169.986



35, 6.030, 329.805



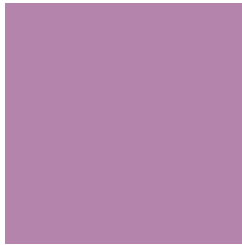
35, 69.610, 335.868



2, 13.795, 331.757

Previews

White Background



This preview shows how the CIELCh color 61, 29.307, 330.923 looks on a white background.

Color Contrast Check

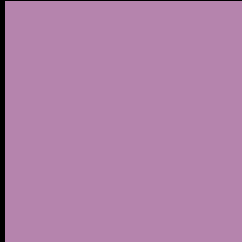
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.307, 330.923 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, 29.307, 330.923

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.307, 330.923.



This preview shows how white text looks on a background with the CIELCh color 61, 29.307, 330.923.

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, 16.822, 1.843

Trichromacy



Original Color
61, 29.307, 330.923

Protanomaly
61, 22.022, 304.621

Deuteranomaly
61, 19.850, 316.106

Tritanomaly
61, 20.389, 346.444

Monochromacy



Original Color
61, 29.307, 330.923

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.916, 330.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.307, 330.923 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, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 132, 173)  
}
```

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, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 132, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.307, 330.923 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, 132, 173) }
```

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

```
.border{ border-color:rgb(181, 132, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 132, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 132,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.307, 330.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 132, 173) }
```

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

```
.background{ background-color: rgb(181,  
132, 173) }
```

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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