

Converting Colors

CIELCh(60, 30.441, 343.315)

Have a look what the booklet for
CIELCh(60, 30.441, 343.315)
contains.

CIELCh(60, 30.602, 343.189)	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(60, 30.602, 343.189)

Conversions

Conversions Part 1

Format	Color
Hex	BC7EA1
RGB	188, 126, 161
RGB Percent	74%, 49%, 63%
CMY	0.2634, 0.5064, 0.3692
CMYK	0.00, 0.33, 0.14, 0.26
HSL	326°, 32%, 62%
HSV	326°, 33%, 74%
XYZ	34.5618, 28.1233, 37.2550
YIQ	148.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

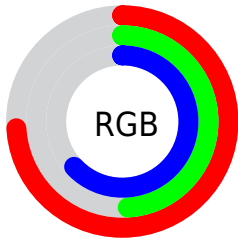
Format	Color
R_{YB}	188, 126, 161
Decimal	12353185
CIE Lab	60.00, 29.29, -8.85
CIE LCh	60, 30.602, 343.189
Yxy	28.1233, 0.3458, 0.2814
Android (android.graphics.Color)	4290543265 (0xFFBC7EA1)
YUV	148.5280, 6.1487, 34.6169
Hunter-Lab	53.0314, 23.5275, -4.5296

Details

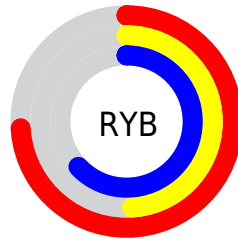
The CIELCh color $60, 30.602, 343.189$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 29.754, 157.364$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 30.901, 342.834$, and $40, 30.419, 343.940$ is the 20% darker color. If you saturate the color by 10%, you get $56, 39.673, 344.285$, and if you desaturate by 10%, it is $65, 21.276, 342.215$.

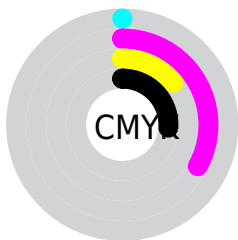
Distribution



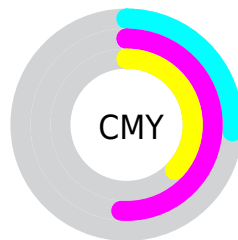
- Red (74%)
- Green (49%)
- Blue (63%)



- Red (74%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.602, 343.189 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 60, 30.602, 343.189 by changing the saturation by 10% instead.

 60, 30.602,
343.189


 60, 30.602,
343.189


 100, 30.602,
343.189


 50, 30.602,
343.189


 80, 30.602,
343.189

 40, 30.602,
343.189

 90, 30.602,
343.189


 30, 30.602,
343.189

 20, 30.602,
343.189

 10, 30.602,
343.189

 0, 30.602, 343.189

 60, 30.602,

 60, 30.602,

343.189

343.189

■ 56, 39.673,
344.285

■ 65, 21.276,
342.215

■ 52, 48.167,
345.543

■ 70, 11.935,
341.327

■ 48, 55.658,
347.023

■ 75, 2.727, 340.425

■ 45, 61.673,
348.815

■ 80, 6.259, 159.885

■ 43, 65.803,
351.034

■ 85, 14.978,
159.172


■ 41, 67.864,
353.819

■ 90, 23.410,
158.534

■ 41, 68.467,
356.066

■ 95, 30.193,
158.747

■ 95, 27.479,
165.234

 95, 25.139,
172.982

Harmonies

Complementary

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



60, 30.602, 343.189



71, 29.754, 157.364

Rectangle

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



60, 30.602, 343.189



60, 30.602, 33.189



60, 30.602, 163.189



60, 30.602, 213.189

Sweetspot

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



60, 30.600, 343.190



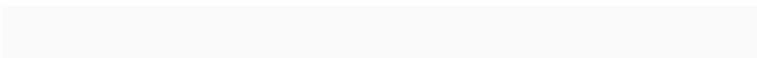
90, 11.355, 341.085



57, 36.668, 308.480



47, 7.755, 341.205



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 30.600, 343.190



73, 45.856, 344.016



59, 25.772, 17.190



37, 5.204, 341.016



34, 60.392, 355.562



3, 14.508, 347.786

Inverse Universe

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



60, 30.600, 343.190



73, 45.856, 344.016



72, 21.164, 191.609



37, 5.204, 341.016



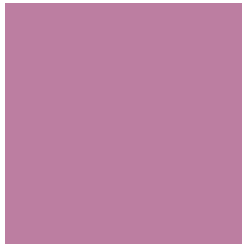
34, 60.392, 355.562



3, 14.508, 347.786

Previews

White Background



This preview shows how the CIELCh color 60, 30.602, 343.189 looks on a white background.

Color Contrast Check

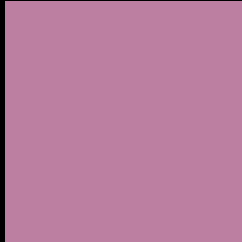
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 30.602, 343.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

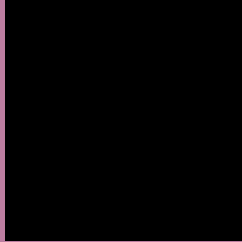
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.602, 343.189

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.602, 343.189.



This preview shows how white text looks on a background with the CIELCh color 60, 30.602, 343.189.

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
60, 30.602, 343.189

Protanopia
60, 15.869, 285.524

Deuteranopia
60, 10.678, 316.347



Tritanopia
60, 22.876, 7.889

Trichromacy



Original Color
60, 30.602, 343.189

Protanomaly
60, 19.122, 314.735

Deuteranomaly
60, 18.019, 332.620

Tritanomaly
60, 25.419, 356.291

Monochromacy



Original Color
60, 30.602, 343.189

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.260, 340.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.602, 343.189 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(188, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 126, 161)  
}
```

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(188, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 126, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.602, 343.189 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(188, 126, 161) }
```

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

```
.border{ border-color:rgb(188, 126, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 126, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 126,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.602, 343.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 126, 161) }
```

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

```
.background{ background-color: rgb(188,  
126, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor