

Converting Colors

CIELCh(60, 34.962, 326.532)

Have a look what the booklet for
CIELCh(60, 34.962, 326.532)
contains.

CIELCh(60, 34.996, 326.540)	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, 34.996, 326.540)

Conversions

Conversions Part 1

Format	Color
Hex	B47FB3
RGB	180, 127, 179
RGB Percent	71%, 50%, 70%
CMY	0.2942, 0.5021, 0.2982
CMYK	0.00, 0.29, 0.01, 0.29
HSL	301°, 26%, 60%
HSV	301°, 29%, 71%
XYZ	34.5333, 28.1233, 46.2386
YIQ	148.7750, 14.8960, 27.4080

Conversions

Conversions Part 2

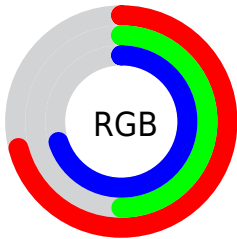
Format	Color
R_{YB}	180, 127, 179
Decimal	11829171
CIE _{Lab}	60.00, 29.20, -19.30
CIE _{LCh}	60, 34.996, 326.540
Yxy	28.1233, 0.3171, 0.2583
Android (android.graphics.Color)	4290019251 (0xFFB47FB3)
YUV	148.7750, 14.9009, 27.3843
Hunter-Lab	53.0314, 23.4317, -14.5735

Details

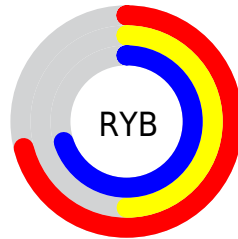
The CIELCh color $60, 34.996, 326.540$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 34.994, 142.916$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 35.215, 326.227$, and $40, 34.771, 326.440$ is the 20% darker color. If you saturate the color by 10%, you get $56, 46.519, 327.059$, and if you desaturate by 10%, it is $64, 23.132, 325.998$.

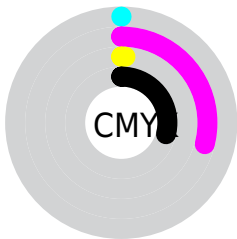
Distribution



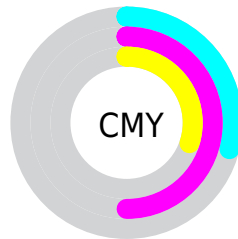
- Red (71%)
- Green (50%)
- Blue (70%)



- Red (71%)
- Yellow (50%)
- Blue (70%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.996, 326.540 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, 34.996, 326.540 by changing the saturation by 10% instead.


 60, 34.996,
326.540


 60, 34.996,
326.540


 100, 34.996,
326.540


 50, 34.996,
326.540


 80, 34.996,
326.540

 40, 34.996,
326.540

 90, 34.996,
326.540


 30, 34.996,
326.540

 20, 34.996,
326.540

 10, 34.996,
326.540

 0, 34.996, 326.540

 60, 34.996,

 60, 34.996,

326.540

56, 46.519,
327.059

52, 57.362,
327.542

49, 67.097,
327.973

46, 75.267,
328.338

45, 81.468,
328.628

43, 85.463,
328.839

43, 87.562,
328.986

43, 87.665,
328.994

326.540

64, 23.132,
325.998

69, 11.193,
325.440

74, 0.642, 145.296

78, 12.254,
144.405

83, 23.574,
143.881

88, 34.565,
143.384

93, 45.210,
142.915

94, 46.275,
142.970

■ 94, 46.133,
143.090

Harmonies

Complementary

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



60, 34.996, 326.540



69, 34.994, 142.916

Rectangle

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



60, 34.996, 326.540



60, 34.996, 16.540



60, 34.996, 146.540



60, 34.996, 196.540

Sweetspot

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



60, 34.994, 326.540



88, 13.225, 325.423



55, 30.487, 294.283



46, 9.190, 325.505



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 34.994, 326.540



74, 51.399, 326.863



59, 25.078, 347.304



35, 6.665, 325.433



36, 77.787, 328.984



3, 15.945, 325.219

Inverse Universe

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



60, 34.994, 326.540



74, 51.399, 326.863



69, 24.117, 161.842



35, 6.665, 325.433



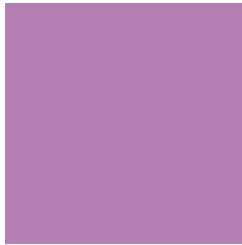
36, 77.787, 328.984



3, 15.945, 325.219

Previews

White Background



This preview shows how the CIELCh color 60, 34.996, 326.540 looks on a white background.

Color Contrast Check

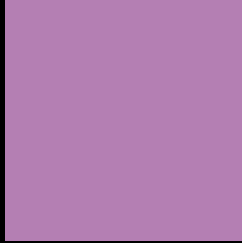
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 34.996, 326.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

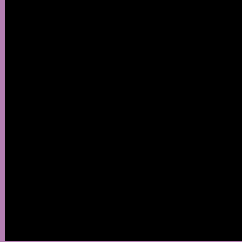
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.996, 326.540

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.996, 326.540.

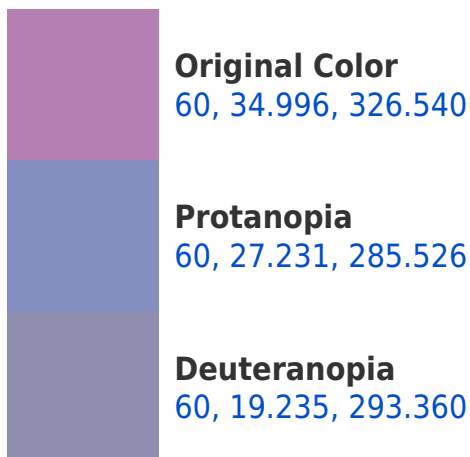


This preview shows how white text looks on a background with the CIELCh color 60, 34.996, 326.540.

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
60, 17.271, 2.390

Trichromacy



Original Color
60, 34.996, 326.540

Protanomaly
60, 28.710, 301.511

Deuteranomaly
60, 23.743, 309.276

Tritanomaly
60, 22.947, 342.449

Monochromacy



Original Color
60, 34.996, 326.540

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.964, 325.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.996, 326.540 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(180, 127, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 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(180, 127, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.996, 326.540 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(180, 127, 179) }
```

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

```
.border{ border-color:rgb(180, 127, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.996, 326.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 179) }
```

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

```
.background{ background-color: rgb(180,  
127, 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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