

Converting Colors

CIELCh(60, 27.950, 348.601)

Have a look what the booklet for
CIELCh(60, 27.950, 348.601)
contains.

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Color

CIELCh(60, 27.950, 348.601)

Conversions

Conversions Part 1

Format	Color
Hex	BB7F9B
RGB	187, 127, 155
RGB Percent	73%, 50%, 61%
CMY	0.2665, 0.5018, 0.3920
CMYK	0.00, 0.32, 0.17, 0.27
HSL	332°, 31%, 62%
HSV	332°, 32%, 73%
XYZ	34.0140, 28.1233, 34.6598
YIQ	148.1320, 26.7720, 21.4280

Conversions

Conversions Part 2

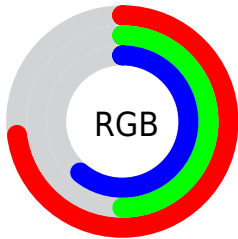
Format	Color
R_{YB}	187, 127, 155
Decimal	12287899
CIE Lab	60.00, 27.40, -5.52
CIE LCh	60, 27.950, 348.601
Yxy	28.1233, 0.3514, 0.2905
Android (android.graphics.Color)	4290477979 (0xFFBB7F9B)
YUV	148.1320, 3.3859, 34.0872
Hunter-Lab	53.0314, 21.6837, -1.6283

Details

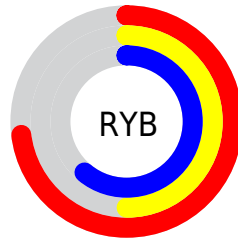
The CIELCh color $60, 27.950, 348.601$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 26.688, 162.445$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 28.063, 348.785$, and $40, 27.999, 348.780$ is the 20% darker color. If you saturate the color by 10%, you get $55, 36.640, 349.883$, and if you desaturate by 10%, it is $65, 19.115, 347.490$.

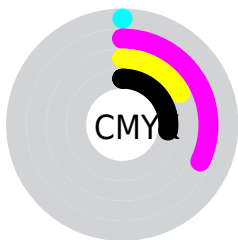
Distribution



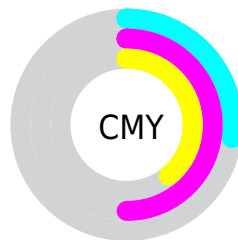
- Red (73%)
- Green (50%)
- Blue (61%)



- Red (73%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (27%)





- Cyan (27%)
- Magenta (50%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 27.950, 348.601 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, 27.950, 348.601 by changing the saturation by 10% instead.

 60, 27.950,
348.601


 60, 27.950,
348.601


 100, 27.950,
348.601


 50, 27.950,
348.601


 80, 27.950,
348.601

 40, 27.950,
348.601

 90, 27.950,
348.601

 30, 27.950,
348.601

 20, 27.950,
348.601

 10, 27.950,
348.601

 0, 27.950, 348.601

 60, 27.950,

 60, 27.950,

348.601

348.601

■ 55, 36.640,
349.883

■ 65, 19.115,
347.490

■ 51, 44.895,
351.392

■ 70, 10.344,
346.496

■ 48, 52.325,
353.216

■ 75, 1.760, 345.435

■ 45, 58.485,
355.474

■ 80, 6.568, 164.932

■ 42, 62.985,
358.320

■ 85, 14.609,
164.177

■ 41, 65.661, 1.921

■ 90, 22.354,
163.506

■ 40, 66.901, 5.243

■ 95, 28.142,
164.283

■ 95, 25.271,
173.577

■ 95, 23.141,
184.841

Harmonies

Complementary

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



60, 27.950, 348.601



71, 26.688, 162.445

Rectangle

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



60, 27.950, 348.601



60, 27.950, 38.601



60, 27.950, 168.601



60, 27.950, 218.601

Sweetspot

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



60, 27.948, 348.603



89, 10.541, 346.314



58, 35.996, 311.721



47, 7.263, 346.448



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, 27.948, 348.603



73, 40.872, 349.417



60, 24.357, 24.591



37, 4.872, 346.238



34, 59.104, 4.594



3, 13.703, 353.557

Inverse Universe

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



60, 27.948, 348.603



73, 40.872, 349.417



71, 19.486, 201.138



37, 4.872, 346.238



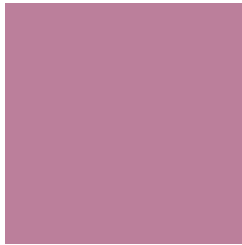
34, 59.104, 4.594



3, 13.703, 353.557

Previews

White Background



This preview shows how the CIELCh color 60, 27.950, 348.601 looks on a white background.

Color Contrast Check

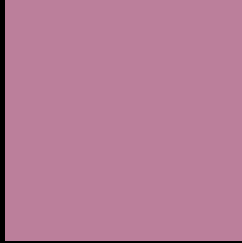
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.950, 348.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

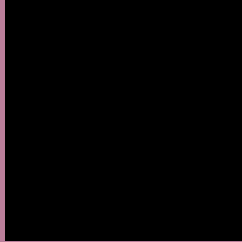
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 27.950, 348.601

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.950, 348.601.



This preview shows how white text looks on a background with the CIELCh color 60, 27.950, 348.601.

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, 27.950, 348.601

Protanopia

60, 12.451, 286.559

Deuteranopia

60, 8.938, 331.084



Tritanopia
60, 22.876, 7.889

Trichromacy



Original Color
60, 27.950, 348.601

Protanomaly
60, 15.583, 320.448

Deuteranomaly
60, 15.729, 340.989

Tritanomaly
60, 24.349, 0.705

Monochromacy



Original Color
60, 27.950, 348.601

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.589, 344.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.950, 348.601 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 127, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 127, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.950, 348.601 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, 155) }
```

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

```
.border{ border-color:rgb(187, 127, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 127,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.950, 348.601 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, 155) }
```

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

```
.background{ background-color: rgb(187,  
127, 155) }
```

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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