

Converting Colors

CIELCh(60, 27.363, 333.808)

Have a look what the booklet for
CIELCh(60, 27.363, 333.808)
contains.

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Color

CIELCh(60, 27.118, 334.134)

Conversions

Conversions Part 1

Format	Color
Hex	B282A6
RGB	178, 130, 166
RGB Percent	70%, 51%, 65%
CMY	0.3025, 0.4907, 0.3496
CMYK	0.00, 0.27, 0.07, 0.30
HSL	315°, 24%, 60%
HSV	315°, 27%, 70%
XYZ	33.1596, 28.1233, 39.6871
YIQ	148.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

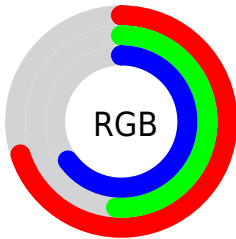
Format	Color
RYB	178, 130, 166
Decimal	11698854
CIELab	60.00, 24.40, -11.83
CIElCh	60, 27.118, 334.134
Yxy	28.1233, 0.3284, 0.2785
Android (android.graphics.Color)	4289888934 (0xFFB282A6)
YUV	148.4560, 8.6492, 25.9101
Hunter-Lab	53.0314, 18.8080, -7.2488

Details

The CIELCh color `60, 27.118, 334.134` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `68, 26.932, 150.306`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 27.271, 333.986`, and `40, 27.154, 334.492` is the 20% darker color. If you saturate the color by 10%, you get `56, 37.018, 334.871`, and if you desaturate by 10%, it is `65, 17.029, 333.431`.

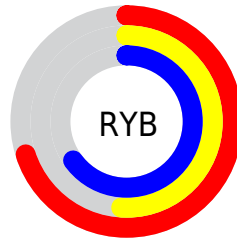
Distribution



Red (70%)

Green (51%)

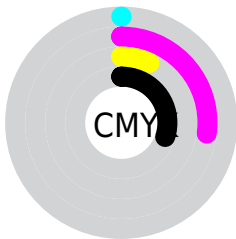
Blue (65%)



Red (70%)

Yellow (51%)

Blue (65%)

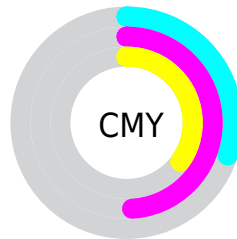


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 27.118, 334.134 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, 27.118, 334.134 by changing the saturation by 10% instead.

 60, 27.118,
334.134


 60, 27.118,
334.134


 100, 27.118,
334.134


 50, 27.118,
334.134


 80, 27.118,
334.134

 40, 27.118,
334.134

 90, 27.118,
334.134

 30, 27.118,
334.134

 20, 27.118,
334.134

 10, 27.118,
334.134

 0, 27.118, 334.134

 60, 27.118,

 60, 27.118,

334.134

56, 37.018,
334.871

52, 46.449,
335.648

48, 55.030,
336.477

45, 62.313,
337.379

43, 67.844,
338.384

41, 71.284,
339.539

40, 72.626,
340.888

40, 72.875,
341.313

334.134

65, 17.029,
333.431

69, 6.958, 332.743

74, 2.967, 152.254


79, 12.667,
151.579

84, 22.101,
151.001

89, 31.250,
150.460

94, 40.114,
149.951

94, 38.755,
152.017

 94, 37.065,
154.362

Harmonies

Complementary

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



60, 27.118, 334.134



68, 26.932, 150.306

Rectangle

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



60, 27.118, 334.134



60, 27.118, 24.134



60, 27.118, 154.134



60, 27.118, 204.134

Sweetspot

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



60, 27.116, 334.135



87, 9.905, 332.824



57, 27.804, 301.295



46, 7.104, 332.927



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, 27.116, 334.135



74, 39.870, 334.540



59, 20.448, 1.199



35, 5.670, 332.906



34, 65.354, 341.117



2, 12.736, 336.133

Inverse Universe

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



60, 27.116, 334.135



74, 39.870, 334.540



69, 18.720, 175.746



35, 5.670, 332.906



34, 65.354, 341.117



2, 12.736, 336.133

Previews

White Background



This preview shows how the CIELCh color 60, 27.118, 334.134 looks on a white background.

Color Contrast Check

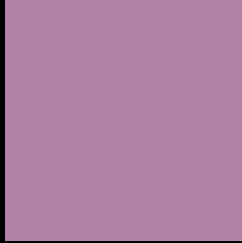
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.118, 334.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

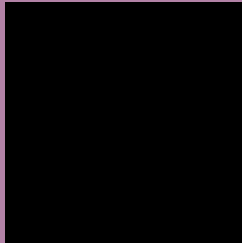
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 27.118, 334.134

Background



This preview shows how black text looks on a background with the CIELCh color 60, 27.118, 334.134.



This preview shows how white text looks on a background with the CIELCh color 60, 27.118, 334.134.

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, 27.118, 334.134

Protanopia

60, 17.577, 285.248

Deuteranopia

60, 13.482, 305.903



Tritanopia
60, 17.271, 2.390

Trichromacy



Original Color
60, 27.118, 334.134

Protanomaly
60, 19.341, 306.296

Deuteranomaly
60, 18.086, 320.190

Tritanomaly
60, 20.500, 348.504

Monochromacy



Original Color
60, 27.118, 334.134

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.125, 334.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 27.118, 334.134 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(178, 130, 166)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 166)  
}
```

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(178, 130, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 27.118, 334.134 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(178, 130, 166) }
```

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

```
.border{ border-color:rgb(178, 130, 166) }
```

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

Here you see how a box with a 4 pixel rgb(178, 130, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 166);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 27.118, 334.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 166) }
```

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

```
.background{ background-color: rgb(178,  
130, 166) }
```

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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