

Converting Colors

CIELCh(60, 22.947, 342.449)

Have a look what the booklet for
CIELCh(60, 22.947, 342.449)
contains.

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Color

CIELCh(60, 22.947, 342.449)

Conversions

Conversions Part 1

Format	Color
Hex	B1839D
RGB	177, 131, 157
RGB Percent	69%, 51%, 62%
CMY	0.3048, 0.4853, 0.3833
CMYK	0.00, 0.26, 0.11, 0.30
HSL	326°, 23%, 60%
HSV	326°, 26%, 70%
XYZ	32.4518, 28.1233, 35.7335
YIQ	147.7180, 19.0700, 17.8380

Conversions

Conversions Part 2

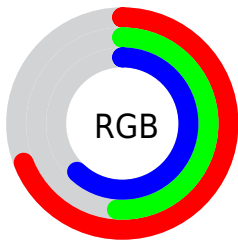
Format	Color
R_{YB}	177, 131, 157
Decimal	11633565
CIE _{Lab}	60.00, 21.88, -6.92
CIE _{LCh}	60, 22.947, 342.449
Yxy	28.1233, 0.3370, 0.2920
Android (android.graphics.Color)	4289823645 (0xFFB1839D)
YUV	147.7180, 4.5760, 25.6803
Hunter-Lab	53.0314, 16.4256, -2.8286

Details

The CIELCh color $60, 22.947, 342.449$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 22.431, 158.086$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 23.262, 341.709$, and $40, 23.150, 342.357$ is the 20% darker color. If you saturate the color by 10%, you get $56, 31.801, 343.451$, and if you desaturate by 10%, it is $65, 14.018, 341.545$.

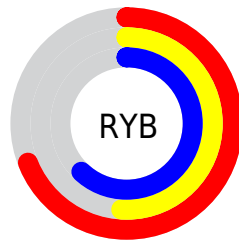
Distribution



Red (69%)

Green (51%)

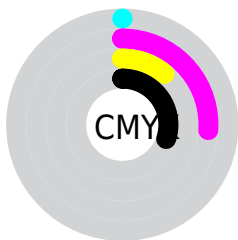
Blue (62%)



Red (69%)

Yellow (51%)

Blue (62%)

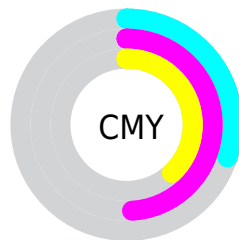


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.947, 342.449 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, 22.947, 342.449 by changing the saturation by 10% instead.

 60, 22.947,
342.449


 60, 22.947,
342.449

 100, 22.947,
342.449

 50, 22.947,
342.449

 80, 22.947,
342.449

 40, 22.947,
342.449

 90, 22.947,
342.449

 30, 22.947,
342.449

 20, 22.947,
342.449

 10, 22.947,
342.449

 0, 22.947, 342.449

 60, 22.947,

 60, 22.947,

342.449

342.449

56, 31.801,
343.451

65, 14.018,
341.545

51, 40.340,
344.580

69, 5.182, 340.688

48, 48.226,
345.885

74, 3.463, 160.109

44, 55.036,
347.431

79, 11.863,
159.346

42, 60.328,
349.312

84, 19.994,
158.694

40, 63.753,
351.652


89, 27.852,
158.093

39, 65.250,
354.576

94, 35.241,
157.638

38, 65.640,
355.849

94, 32.585,
162.703

 94, 30.180,
168.582

Harmonies

Complementary

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



60, 22.947, 342.449



68, 22.431, 158.086

Rectangle

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



60, 22.947, 342.449



60, 22.947, 32.449



60, 22.947, 162.449



60, 22.947, 212.449

Sweetspot

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



60, 22.945, 342.450



86, 8.606, 340.878



58, 27.250, 308.051



45, 6.119, 341.004



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 22.945, 342.450



73, 33.844, 342.994



59, 18.905, 16.244



35, 4.973, 340.979



33, 58.995, 355.403



2, 11.038, 346.218

Inverse Universe

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



60, 22.945, 342.450



73, 33.844, 342.994



69, 16.266, 192.107



35, 4.973, 340.979



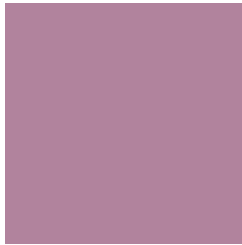
33, 58.995, 355.403



2, 11.038, 346.218

Previews

White Background



This preview shows how the CIELCh color 60, 22.947, 342.449 looks on a white background.

Color Contrast Check

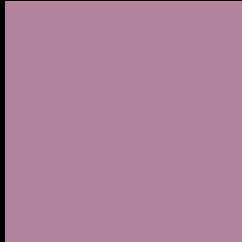
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.947, 342.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

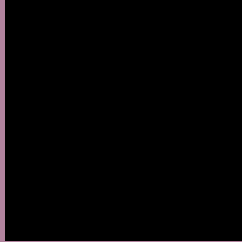
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.947, 342.449

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.947, 342.449.



This preview shows how white text looks on a background with the CIELCh color 60, 22.947, 342.449.

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, 22.947, 342.449

Protanopia

60, 11.890, 286.245

Deuteranopia

60, 9.384, 322.932



Tritanopia
60, 17.656, 2.873

Trichromacy



Original Color
60, 22.947, 342.449

Protanomaly
60, 14.242, 314.775

Deuteranomaly
60, 14.430, 332.935

Tritanomaly
60, 19.139, 353.598

Monochromacy



Original Color
60, 22.947, 342.449

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 8.347, 342.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.947, 342.449 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(177, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 157)  
}
```

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(177, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.947, 342.449 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(177, 131, 157) }
```

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

```
.border{ border-color:rgb(177, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 131, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 131, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 131,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.947, 342.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 157) }
```

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

```
.background{ background-color: rgb(177,  
131, 157) }
```

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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