

Converting Colors

CIELCh(61, 23.835, 347.862)

Have a look what the booklet for
CIELCh(61, 23.835, 347.862)
contains.

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Color

CIELCh(61, 23.835, 347.862)

Conversions

Conversions Part 1

Format	Color
Hex	B8859D
RGB	184, 133, 157
RGB Percent	72%, 52%, 62%
CMY	0.2799, 0.4798, 0.3857
CMYK	0.00, 0.28, 0.15, 0.28
HSL	332°, 26%, 62%
HSV	332°, 28%, 72%
XYZ	34.0755, 29.2481, 35.5908
YIQ	150.9850, 22.6920, 18.2760

Conversions

Conversions Part 2

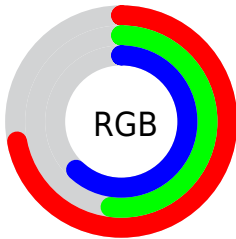
Format	Color
RYB	184, 133, 157
Decimal	12092829
CIELab	61.00, 23.30, -5.01
CIElCh	61, 23.835, 347.862
Yxy	29.2481, 0.3445, 0.2957
Android (android.graphics.Color)	4290282909 (0xFFB8859D)
YUV	150.9850, 2.9654, 28.9542
Hunter-Lab	54.0815, 17.8260, -1.1613

Details

The CIELCh color $61, 23.835, 347.862$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 22.914, 162.706$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.797, 347.776$, and $41, 23.720, 347.613$ is the 20% darker color. If you saturate the color by 10%, you get $56, 32.501, 349.056$, and if you desaturate by 10%, it is $66, 15.120, 346.815$.

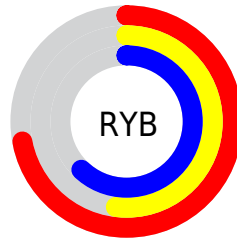
Distribution



Red (72%)

Green (52%)

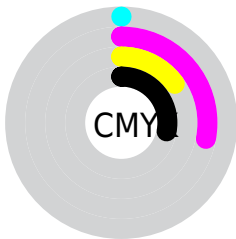
Blue (62%)



Red (72%)

Yellow (52%)

Blue (62%)

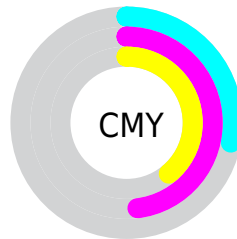


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (48%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.835, 347.862 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 61, 23.835, 347.862 by changing the saturation by 10% instead.


 61, 23.835,
347.862


 61, 23.835,
347.862


 100, 23.835,
347.862


 51, 23.835,
347.862


 81, 23.835,
347.862

 41, 23.835,
347.862

 91, 23.835,
347.862

 31, 23.835,
347.862

 21, 23.835,
347.862

 11, 23.835,
347.862

 1, 23.835, 347.862

 0, 23.835, 347.862

61, 23.835,
347.862

61, 23.835,
347.862

56, 32.501,
349.056

66, 15.120,
346.815

52, 40.875,
350.445

71, 6.527, 345.858

76, 1.849, 165.298

48, 48.609,
352.102

81, 9.958, 164.370

45, 55.280,
354.132

86, 17.778,
163.661

42, 60.464,
356.670

91, 25.310,
163.017

41, 63.874,
359.881

95, 29.090,
165.218

39, 65.650, 3.863

95, 26.326,
174.009

39, 66.011, 4.790

■ 95, 24.241,
184.521

Harmonies

Complementary

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



61, 23.835, 347.862



71, 22.914, 162.706

Rectangle

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



61, 23.835, 347.862



61, 23.835, 37.862



61, 23.835, 167.862



61, 23.835, 217.862

Sweetspot

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



61, 23.833, 347.864



90, 8.361, 345.894



59, 30.461, 310.948



47, 5.950, 346.035



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 23.833, 347.864



75, 35.264, 348.535



61, 20.738, 22.854



36, 4.775, 346.007



33, 58.424, 4.146



3, 12.015, 352.467

Inverse Universe

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



61, 23.833, 347.864



75, 35.264, 348.535



71, 17.185, 199.622



36, 4.775, 346.007



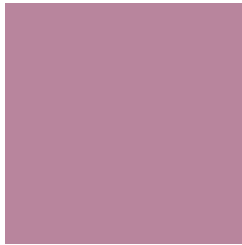
33, 58.424, 4.146



3, 12.015, 352.467

Previews

White Background



This preview shows how the CIELCh color 61, 23.835, 347.862 looks on a white background.

Color Contrast Check

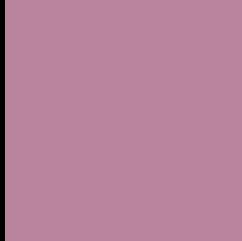
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 23.835, 347.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

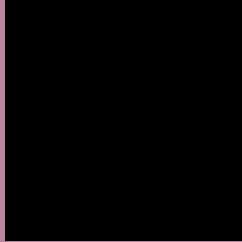
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.835, 347.862

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.835, 347.862.



This preview shows how white text looks on a background with the CIELCh color 61, 23.835, 347.862.

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

61, 23.835, 347.862

Protanopia

61, 10.704, 289.406

Deuteranopia

61, 9.172, 332.951



Tritanopia
61, 19.573, 5.015

Trichromacy



Original Color
61, 23.835, 347.862

Protanomaly
61, 13.709, 321.068

Deuteranomaly
61, 14.740, 340.604

Tritanomaly
61, 21.075, 358.372

Monochromacy



Original Color
61, 23.835, 347.862

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.959, 346.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.835, 347.862 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(184, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 133, 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(184, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 133, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.835, 347.862 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(184, 133, 157) }
```

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

```
.border{ border-color:rgb(184, 133, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 133, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 133,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.835, 347.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 133, 157) }
```

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

```
.background{ background-color: rgb(184,  
133, 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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