

Converting Colors

CIELCh(61, 23.544, 332.786)

Have a look what the booklet for
CIELCh(61, 23.544, 332.786)
contains.

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Color

CIELCh(61, 23.707, 332.702)

Conversions

Conversions Part 1

Format	Color
Hex	B087A7
RGB	176, 135, 167
RGB Percent	69%, 53%, 65%
CMY	0.3107, 0.4715, 0.3460
CMYK	0.00, 0.23, 0.05, 0.31
HSL	313°, 21%, 61%
HSV	313°, 23%, 69%
XYZ	33.4362, 29.2481, 40.3288
YIQ	150.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

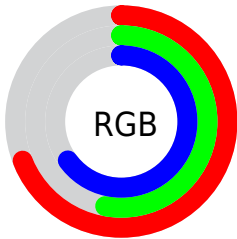
Format	Color
R_{YB}	176, 135, 167
Decimal	11569063
CIE _{Lab}	61.00, 21.07, -10.87
CIE _{LCh}	61, 23.707, 332.702
Yxy	29.2481, 0.3246, 0.2839
Android (android.graphics.Color)	4289759143 (0xFFB087A7)
YUV	150.9070, 7.9338, 22.0066
Hunter-Lab	54.0815, 15.7160, -6.3557

Details

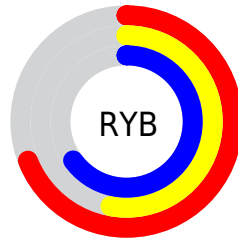
The CIELCh color $61, 23.707, 332.702$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68, 23.588, 149.548$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 23.371, 332.893$, and $41, 23.592, 332.817$ is the 20% darker color. If you saturate the color by 10%, you get $57, 33.809, 333.392$, and if you desaturate by 10%, it is $66, 13.491, 332.035$.

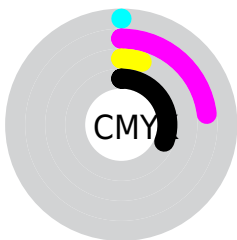
Distribution



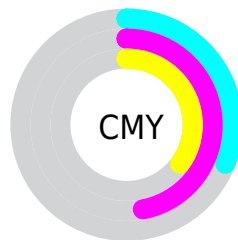
- Red (69%)
- Green (53%)
- Blue (65%)



- Red (69%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (31%)





- Cyan (31%)
- Magenta (47%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.707, 332.702 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, 23.707, 332.702 by changing the saturation by 10% instead.


 61, 23.707,
332.702


 61, 23.707,
332.702


 100, 23.707,
332.702


 51, 23.707,
332.702


 81, 23.707,
332.702

 41, 23.707,
332.702

 91, 23.707,
332.702

 31, 23.707,
332.702

 21, 23.707,
332.702

 11, 23.707,
332.702

 1, 23.707, 332.702

 0, 23.707, 332.702

61, 23.707,
332.702

61, 23.707,
332.702

57, 33.809,
333.392

66, 13.491,
332.035

53, 43.547,
334.109

70, 3.341, 331.339

49, 52.574,
334.857

75, 6.632, 150.864

46, 60.465,
335.649

80, 16.363,
150.263

43, 66.763,
336.503

85, 25.819,
149.711

41, 71.078,
337.450

90, 34.987,
149.191


40, 73.222,
338.531

94, 42.222,
149.047

40, 73.837,

94, 40.702,
150.804

339.317

 94, 39.210,
152.687

Harmonies

Complementary

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



61, 23.707, 332.702



68, 23.588, 149.548

Rectangle

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



61, 23.707, 332.702



61, 23.707, 22.702



61, 23.707, 152.702



61, 23.707, 202.702

Sweetspot

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



61, 23.705, 332.703



87, 8.772, 331.622



58, 23.605, 300.392



46, 5.696, 331.661



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 23.705, 332.703



75, 35.353, 333.056



60, 17.498, 359.529



34, 5.657, 331.768



34, 65.977, 339.148



2, 11.238, 334.137

Inverse Universe

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



61, 23.705, 332.703



75, 35.353, 333.056



69, 16.295, 174.935



34, 5.657, 331.768



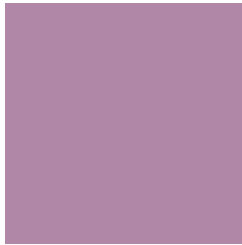
34, 65.977, 339.148



2, 11.238, 334.137

Previews

White Background



This preview shows how the CIELCh color 61, 23.707, 332.702 looks on a white background.

Color Contrast Check

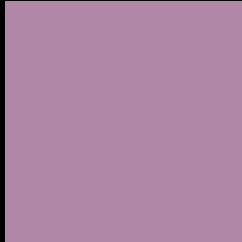
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.707, 332.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

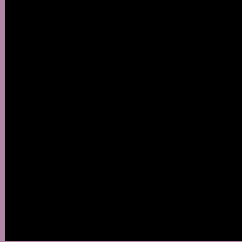
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.707, 332.702

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.707, 332.702.



This preview shows how white text looks on a background with the CIELCh color 61, 23.707, 332.702.

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, 23.707, 332.702

Protanopia

61, 15.802, 286.764

Deuteranopia

61, 12.456, 308.807



Tritanopia
61, 15.105, 356.985

Trichromacy



Original Color
61, 23.707, 332.702

Protanomaly
61, 17.009, 306.860

Deuteranomaly
61, 16.192, 320.659

Tritanomaly
61, 17.557, 346.252

Monochromacy



Original Color
61, 23.707, 332.702

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.896, 331.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.707, 332.702 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(176, 135, 167)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 167)  
}
```

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(176, 135, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.707, 332.702 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(176, 135, 167) }
```

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

```
.border{ border-color:rgb(176, 135, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 167);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.707, 332.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 167) }
```

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

```
.background{ background-color: rgb(176,  
135, 167) }
```

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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