

Converting Colors

CIELCh(61, 23.005, 330.411)

Have a look what the booklet for
CIELCh(61, 23.005, 330.411)
contains.

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Color

CIELCh(61, 22.980, 330.404)

Conversions

Conversions Part 1

Format	Color
Hex	AE88A8
RGB	174, 136, 168
RGB Percent	68%, 53%, 66%
CMY	0.3194, 0.4683, 0.3429
CMYK	0.00, 0.22, 0.03, 0.32
HSL	309°, 19%, 61%
HSV	309°, 22%, 68%
XYZ	33.1288, 29.2481, 40.7319
YIQ	151.0100, 12.3760, 18.0080

Conversions

Conversions Part 2

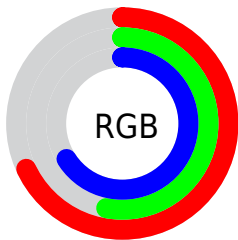
Format	Color
RYB	174, 136, 168
Decimal	11438248
CIELab	61.00, 19.98, -11.35
CIElCh	61, 22.980, 330.404
Yxy	29.2481, 0.3213, 0.2837
Android (android.graphics.Color)	4289628328 (0xFFAE88A8)
YUV	151.0100, 8.3761, 20.1622
Hunter-Lab	54.0815, 14.7013, -6.7976

Details

The CIELCh color $61, 22.980, 330.404$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67, 22.913, 147.608$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.665, 330.732$, and $41, 22.847, 330.278$ is the 20% darker color. If you saturate the color by 10%, you get $57, 33.429, 331.033$, and if you desaturate by 10%, it is $65, 12.431, 329.783$.

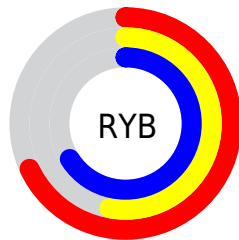
Distribution



Red (68%)

Green (53%)

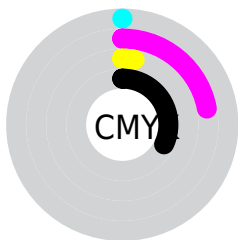
Blue (66%)



Red (68%)

Yellow (53%)

Blue (66%)

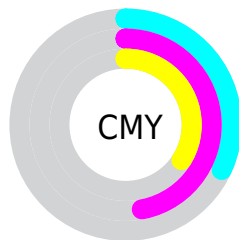


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.980, 330.404 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, 22.980, 330.404 by changing the saturation by 10% instead.

 61, 22.980,
330.404

 61, 22.980,
330.404


 100, 22.980,
330.404

 51, 22.980,
330.404

 81, 22.980,
330.404

 41, 22.980,
330.404

 91, 22.980,
330.404

 31, 22.980,
330.404

 21, 22.980,
330.404

 11, 22.980,
330.404

 1, 22.980, 330.404

 0, 22.980, 330.404

61, 22.980,
330.404

61, 22.980,
330.404

57, 33.429,
331.033

65, 12.431,
329.783

53, 43.535,
331.669

70, 1.959, 329.074

75, 8.327, 148.669

49, 52.960,
332.311

80, 18.363,
148.102

46, 61.289,
332.958

84, 28.115,
147.573

43, 68.073,
333.617

89, 37.572,
147.073

42, 72.918,
334.300


93, 45.522,
146.783

40, 75.609,
335.029

94, 44.417,
147.878

40, 76.604,

335.657

 94, 43.322,
149.025

Harmonies

Complementary

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



61, 22.980, 330.404



67, 22.913, 147.608

Rectangle

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



61, 22.980, 330.404



61, 22.980, 20.404



61, 22.980, 150.404



61, 22.980, 200.404

Sweetspot

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



61, 22.978, 330.404



85, 8.999, 329.483



58, 21.758, 297.916



45, 5.842, 329.519



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 22.978, 330.404



75, 33.651, 330.691



60, 16.703, 354.755



34, 5.910, 329.622



34, 69.051, 335.558



2, 11.884, 331.206

Inverse Universe

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



61, 22.978, 330.404



75, 33.651, 330.691



68, 15.858, 170.550



34, 5.910, 329.622



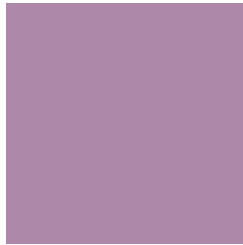
34, 69.051, 335.558



2, 11.884, 331.206

Previews

White Background



This preview shows how the CIELCh color 61, 22.980, 330.404 looks on a white background.

Color Contrast Check

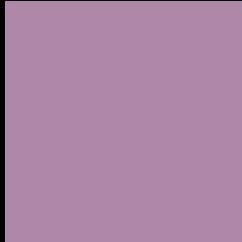
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.980, 330.404 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, 22.980, 330.404

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.980, 330.404.



This preview shows how white text looks on a background with the CIELCh color 61, 22.980, 330.404.

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





Tritanopia
61, 14.002, 354.807

Trichromacy



Original Color
61, 22.980, 330.404

Protanomaly
61, 17.463, 305.237

Deuteranomaly
61, 16.345, 317.342

Tritanomaly
61, 16.597, 343.740

Monochromacy



Original Color
61, 22.980, 330.404

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.652, 329.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.980, 330.404 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(174, 136, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 168)  
}
```

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(174, 136, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.980, 330.404 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(174, 136, 168) }
```

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

```
.border{ border-color:rgb(174, 136, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 168);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.980, 330.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 168) }
```

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

```
.background{ background-color: rgb(174,  
136, 168) }
```

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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