

Converting Colors

CIELCh(61, 22.575, 336.612)

Have a look what the booklet for
CIELCh(61, 22.575, 336.612)
contains.

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Color

CIELCh(61, 22.416, 337.385)

Conversions

Conversions Part 1

Format	Color
Hex	B187A3
RGB	177, 135, 163
RGB Percent	69%, 53%, 64%
CMY	0.3065, 0.4712, 0.3614
CMYK	0.00, 0.24, 0.08, 0.31
HSL	320°, 21%, 61%
HSV	320°, 24%, 69%
XYZ	33.3299, 29.2481, 38.4609
YIQ	150.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

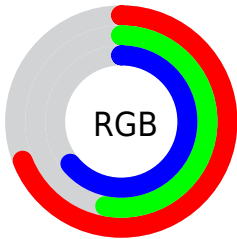
Format	Color
RYB	177, 135, 163
Decimal	11634595
CIELab	61.00, 20.69, -8.62
CIELCh	61, 22.416, 337.385
Yxy	29.2481, 0.3299, 0.2895
Android (android.graphics.Color)	4289824675 (0xFFB187A3)
YUV	150.7500, 6.0393, 23.0213
Hunter-Lab	54.0815, 15.3652, -4.3079

Details

The CIELCh color $61, 22.416, 337.385$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69, 22.158, 153.816$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.151, 337.365$, and $41, 22.222, 337.938$ is the 20% darker color. If you saturate the color by 10%, you get $57, 31.839, 338.215$, and if you desaturate by 10%, it is $66, 12.910, 336.611$.

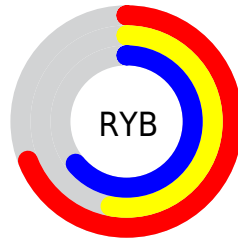
Distribution



Red (69%)

Green (53%)

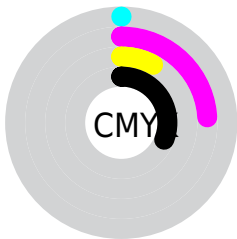
Blue (64%)



Red (69%)

Yellow (53%)

Blue (64%)

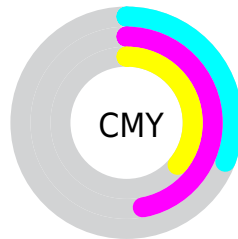


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (47%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.416, 337.385 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, 22.416, 337.385 by changing the saturation by 10% instead.

 61, 22.416,
337.385


 61, 22.416,
337.385


 100, 22.416,
337.385


 51, 22.416,
337.385


 81, 22.416,
337.385

 41, 22.416,
337.385

 91, 22.416,
337.385

 31, 22.416,
337.385

 21, 22.416,
337.385

 11, 22.416,
337.385

 1, 22.416, 337.385

 0, 22.416, 337.385

61, 22.416,
337.385

61, 22.416,
337.385

57, 31.839,
338.215

66, 12.910,
336.611

52, 40.944,
339.115

70, 3.491, 335.831

75, 5.743, 155.310

49, 49.393,
340.110

80, 14.735,
154.650

45, 56.766,
341.235

85, 23.459,
154.054

43, 62.605,
342.542

90, 31.907,
153.497

41, 66.518,
344.102


94, 37.972,
153.715

40, 68.321,
346.004

94, 35.792,
157.027

39, 68.771,

347.334

 94, 33.719,
160.736

Harmonies

Complementary

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



61, 22.416, 337.385



69, 22.158, 153.816

Rectangle

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



61, 22.416, 337.385



61, 22.416, 27.385



61, 22.416, 157.385



61, 22.416, 207.385

Sweetspot

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



61, 22.414, 337.386



87, 8.085, 336.110



59, 24.463, 304.486



46, 5.250, 336.154



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, 22.414, 337.386



75, 32.690, 337.771



60, 17.307, 8.226



35, 5.342, 336.278



33, 61.948, 347.041



2, 11.880, 340.587

Inverse Universe

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



61, 22.414, 337.386



75, 32.690, 337.771



69, 15.573, 183.784



35, 5.342, 336.278



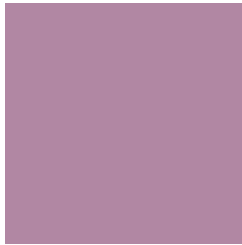
33, 61.948, 347.041



2, 11.880, 340.587

Previews

White Background



This preview shows how the CIELCh color 61, 22.416, 337.385 looks on a white background.

Color Contrast Check

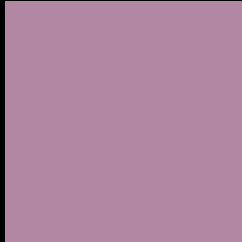
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.416, 337.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

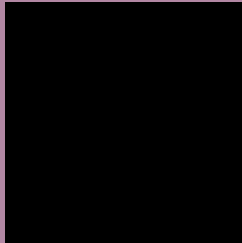
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 22.416, 337.385

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.416, 337.385.



This preview shows how white text looks on a background with the CIELCh color 61, 22.416, 337.385.

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, 22.416, 337.385

Protanopia

61, 13.540, 287.102

Deuteranopia

61, 11.161, 315.113



Tritanopia
61, 16.230, 358.896

Trichromacy



Original Color
61, 22.416, 337.385

Protanomaly
61, 14.969, 310.419

Deuteranomaly
61, 15.200, 326.384

Tritanomaly
61, 18.283, 350.043

Monochromacy



Original Color
61, 22.416, 337.385

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.088, 336.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.416, 337.385 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, 135, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 135, 163)  
}
```

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, 135, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 135, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.416, 337.385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

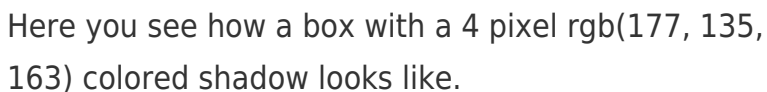
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 135, 163) }
```

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

```
.border{ border-color:rgb(177, 135, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 135, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 135, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 135, 163); box-shadow:4px 4px 4px 4px rgb(177, 135, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.416, 337.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 135, 163) }
```

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

```
.background{ background-color: rgb(177,  
135, 163) }
```

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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