

Converting Colors

CIELCh(61, 21.353, 340.728)

Have a look what the booklet for
CIELCh(61, 21.353, 340.728)
contains.

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Color

CIELCh(61, 21.353, 340.728)

Conversions

Conversions Part 1

Format	Color
Hex	B187A0
RGB	177, 135, 160
RGB Percent	69%, 53%, 63%
CMY	0.3055, 0.4703, 0.3722
CMYK	0.00, 0.24, 0.10, 0.31
HSL	324°, 21%, 61%
HSV	324°, 24%, 69%
XYZ	33.1782, 29.2481, 37.1920
YIQ	150.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

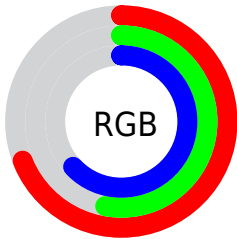
Format	Color
R_{YB}	177, 135, 160
Decimal	11634592
CIE _{Lab}	61.00, 20.16, -7.05
CIE _{LCh}	61, 21.353, 340.728
Yxy	29.2481, 0.3331, 0.2936
Android (android.graphics.Color)	4289824672 (0xFFB187A0)
YUV	150.4080, 4.7289, 23.3212
Hunter-Lab	54.0815, 14.8642, -2.9168

Details

The CIELCh color $61, 21.353, 340.728$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 20.977, 156.908$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 21.136, 340.547$, and $41, 21.472, 340.350$ is the 20% darker color. If you saturate the color by 10%, you get $57, 30.387, 341.660$, and if you desaturate by 10%, it is $66, 12.270, 339.876$.

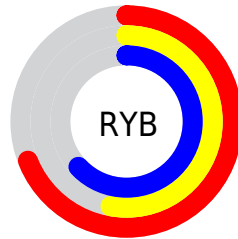
Distribution



Red (69%)

Green (53%)

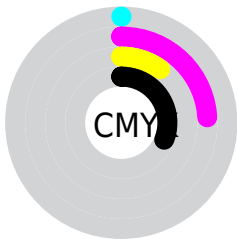
Blue (63%)



Red (69%)

Yellow (53%)

Blue (63%)

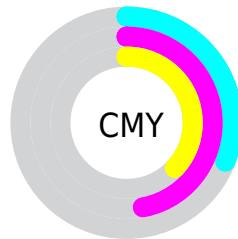


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.353, 340.728 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, 21.353, 340.728 by changing the saturation by 10% instead.


 61, 21.353,
340.728


 61, 21.353,
340.728


 100, 21.353,
340.728


 51, 21.353,
340.728


 81, 21.353,
340.728

 41, 21.353,
340.728

 91, 21.353,
340.728

 31, 21.353,
340.728

 21, 21.353,
340.728

 11, 21.353,
340.728

 1, 21.353, 340.728

 0, 21.353, 340.728

61, 21.353,
340.728

61, 21.353,
340.728

57, 30.387,
341.660

66, 12.270,
339.876

52, 39.150,
342.696

70, 3.296, 339.028

75, 5.479, 158.479

49, 47.314,
343.874

80, 14.006,
157.779

45, 54.471,
345.247

85, 22.263,
157.152

42, 60.169,
346.891

90, 30.247,
156.572

40, 64.020,
348.909


94, 35.631,
157.114

39, 65.854,
351.424

94, 33.131,
161.710

39, 66.372,

353.205

 94, 30.837,
166.989

Harmonies

Complementary

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



61, 21.353, 340.728



69, 20.977, 156.908

Rectangle

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



61, 21.353, 340.728



61, 21.353, 30.728



61, 21.353, 160.728



61, 21.353, 210.728

Sweetspot

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



61, 21.351, 340.729



87, 7.683, 339.333



59, 24.679, 306.781



46, 4.990, 339.381



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, 21.351, 340.729



75, 31.161, 341.161



60, 17.154, 13.377



35, 5.078, 339.516



33, 59.712, 352.807



2, 11.265, 344.538

Inverse Universe

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



61, 21.351, 340.729



75, 31.161, 341.161



69, 15.124, 189.364



35, 5.078, 339.516



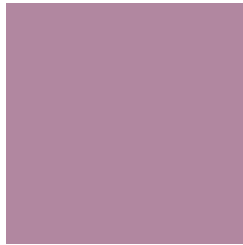
33, 59.712, 352.807



2, 11.265, 344.538

Previews

White Background



This preview shows how the CIELCh color 61, 21.353, 340.728 looks on a white background.

Color Contrast Check

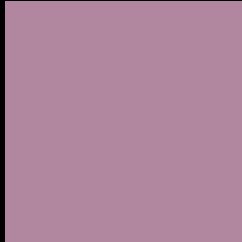
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.353, 340.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

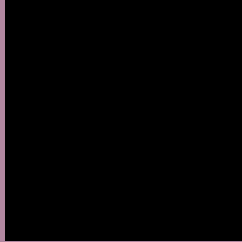
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 21.353, 340.728

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.353, 340.728.



This preview shows how white text looks on a background with the CIELCh color 61, 21.353, 340.728.

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, 21.353, 340.728

Protanopia

61, 11.839, 287.969

Deuteranopia

61, 10.513, 321.452



Tritanopia
61, 16.603, 359.478

Trichromacy



Original Color
61, 21.353, 340.728

Protanomaly
61, 13.530, 314.227

Deuteranomaly
61, 14.129, 331.710

Tritanomaly
61, 18.030, 351.603

Monochromacy



Original Color
61, 21.353, 340.728

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.715, 339.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.353, 340.728 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 135, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 135, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.353, 340.728 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, 160) }
```

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

```
.border{ border-color:rgb(177, 135, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 135, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 135, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 135,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.353, 340.728 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, 160) }
```

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

```
.background{ background-color: rgb(177,  
135, 160) }
```

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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