

Converting Colors

CIELCh(61, 33.131, 340.505)

Have a look what the booklet for
CIELCh(61, 33.131, 340.505)
contains.

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Color

CIELCh(61, 33.013, 340.681)

Conversions

Conversions Part 1

Format	Color
Hex	C07FA7
RGB	192, 127, 167
RGB Percent	75%, 50%, 65%
CMY	0.2464, 0.5013, 0.3444
CMYK	0.00, 0.34, 0.13, 0.25
HSL	323°, 34%, 63%
HSV	323°, 34%, 75%
XYZ	36.3856, 29.2481, 40.3702
YIQ	150.9950, 25.9000, 26.2200

Conversions

Conversions Part 2

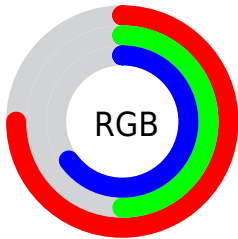
Format	Color
R_{YB}	192, 127, 167
Decimal	12615591
CIE _{Lab}	61.00, 31.15, -10.92
CIE _{LCh}	61, 33.013, 340.681
Yxy	29.2481, 0.3432, 0.2759
Android (android.graphics.Color)	4290805671 (0xFFC07FA7)
YUV	150.9950, 7.8905, 35.9614
Hunter-Lab	54.0815, 25.4507, -6.4011

Details

The CIELCh color **61, 33.013, 340.681** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73, 32.330, 154.963**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.635, 340.723**, and **41, 32.606, 340.653** is the 20% darker color. If you saturate the color by 10%, you get **57, 42.461, 341.688**, and if you desaturate by 10%, it is **66, 23.241, 339.774**.

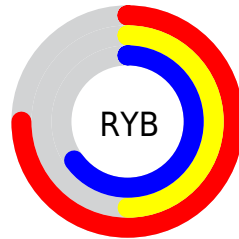
Distribution



Red (75%)

Green (50%)

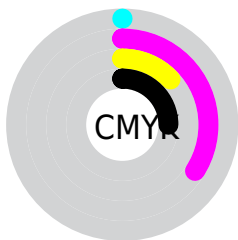
Blue (65%)



Red (75%)

Yellow (50%)

Blue (65%)

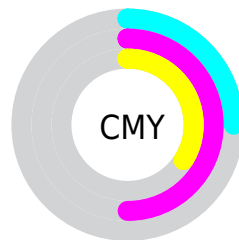


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.013, 340.681 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, 33.013, 340.681 by changing the saturation by 10% instead.


 61, 33.013,
340.681


 61, 33.013,
340.681


 100, 33.013,
340.681


 51, 33.013,
340.681


 81, 33.013,
340.681

 41, 33.013,
340.681

 91, 33.013,
340.681

 31, 33.013,
340.681

 21, 33.013,
340.681

 11, 33.013,
340.681

 1, 33.013, 340.681

 0, 33.013, 340.681

61, 33.013,
340.681

61, 33.013,
340.681

57, 42.461,
341.688

66, 23.241,
339.774

53, 51.236,
342.825

71, 13.407,
338.937

49, 58.885,
344.142

76, 3.679, 338.106

46, 64.918,
345.711

81, 5.841, 157.559

44, 68.919,
347.628

86, 15.097,
156.865


43, 70.720,
350.010

92, 24.063,
156.243

42, 71.109,
351.679

95, 28.818,
157.729

95, 26.318,
163.758

 95, 24.126,
170.921

Harmonies

Complementary

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



61, 33.013, 340.681



73, 32.330, 154.963

Rectangle

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



61, 33.013, 340.681



61, 33.013, 30.681



61, 33.013, 160.681



61, 33.013, 210.681

Sweetspot

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



61, 33.011, 340.682



92, 11.964, 338.641



58, 38.111, 306.887



48, 8.171, 338.755



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 33.011, 340.682



74, 49.281, 341.459



60, 26.946, 13.486



38, 5.513, 338.578



35, 62.421, 351.251



3, 17.057, 345.330

Inverse Universe

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



61, 33.011, 340.682



74, 49.281, 341.459



73, 22.517, 187.075



38, 5.513, 338.578



35, 62.421, 351.251



3, 17.057, 345.330

Previews

White Background



This preview shows how the CIELCh color 61, 33.013, 340.681 looks on a white background.

Color Contrast Check

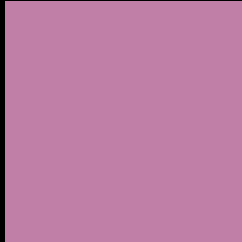
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 33.013, 340.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

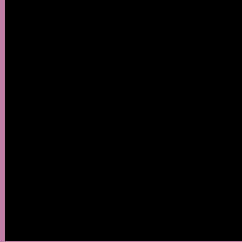
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.013, 340.681

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.013, 340.681.



This preview shows how white text looks on a background with the CIELCh color 61, 33.013, 340.681.

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, 23.613, 8.441

Trichromacy



Original Color
61, 33.013, 340.681

Protanomaly
61, 21.675, 311.885

Deuteranomaly
61, 18.992, 328.279

Tritanomaly
61, 26.262, 355.999

Monochromacy



Original Color
61, 33.013, 340.681

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.531, 338.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.013, 340.681 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(192, 127, 167)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 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(192, 127, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.013, 340.681 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(192, 127, 167) }
```

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

```
.border{ border-color:rgb(192, 127, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 127, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 127, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 127, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 127,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.013, 340.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 167) }
```

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

```
.background{ background-color: rgb(192,  
127, 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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