

Converting Colors

CIELCh(61, 14.050, 338.078)

Have a look what the booklet for
CIELCh(61, 14.050, 338.078)
contains.

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Color

CIELCh(61, 13.864, 337.315)

Conversions

Conversions Part 1

Format	Color
Hex	A68C9D
RGB	166, 140, 157
RGB Percent	65%, 55%, 62%
CMY	0.3495, 0.4514, 0.3848
CMYK	0.00, 0.16, 0.05, 0.35
HSL	321°, 13%, 60%
HSV	321°, 16%, 65%
XYZ	31.1392, 29.2481, 35.8511
YIQ	149.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

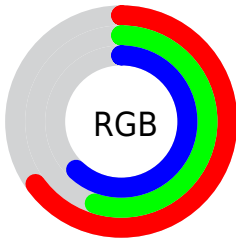
Format	Color
R_{YB}	166, 140, 157
Decimal	10914973
CIE _{Lab}	61.00, 12.79, -5.35
CIE _{LCh}	61, 13.864, 337.315
Yxy	29.2481, 0.3236, 0.3039
Android (android.graphics.Color)	4289105053 (0xFFA68C9D)
YUV	149.7120, 3.5930, 14.2846
Hunter-Lab	54.0815, 8.1343, -1.4468

Details

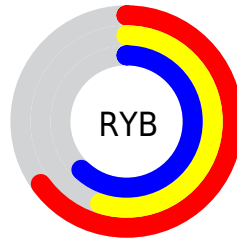
The CIELCh color $61, 13.864, 337.315$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 13.740, 155.067$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.743, 336.510$, and $41, 13.859, 337.109$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.808, 338.110$, and if you desaturate by 10%, it is $65, 4.976, 336.548$.

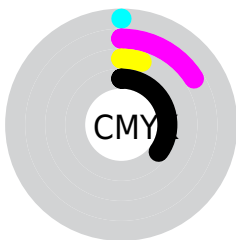
Distribution



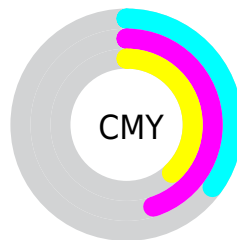
- Red (65%)
- Green (55%)
- Blue (62%)



- Red (65%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (45%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.864, 337.315 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, 13.864, 337.315 by changing the saturation by 10% instead.


 61, 13.864,
337.315


 61, 13.864,
337.315


 100, 13.864,
337.315


 51, 13.864,
337.315


 81, 13.864,
337.315

 41, 13.864,
337.315

 91, 13.864,
337.315

 31, 13.864,
337.315

 21, 13.864,
337.315

 11, 13.864,
337.315

 1, 13.864, 337.315

 0, 13.864, 337.315

61, 13.864,
337.315

61, 13.864,
337.315

57, 22.808,
338.110

65, 4.976, 336.548

53, 31.650,
338.964

70, 3.746, 156.010

49, 40.148,
339.899

75, 12.248,
155.315

45, 47.973,
340.941

79, 20.498,
154.707

42, 54.722,
342.131

84, 28.490,
154.141

40, 59.967,
343.526

89, 36.225,
153.612

38, 63.359,
345.207


93, 43.130,
153.307

37, 64.804,

93, 40.983,
156.105

347.260

 94, 38.917,
159.189

 36, 65.179,
348.211

Harmonies

Complementary

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



61, 13.864, 337.315



66, 13.740, 155.067

Rectangle

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



61, 13.864, 337.315



61, 13.864, 27.315



61, 13.864, 157.315



61, 13.864, 207.315

Sweetspot

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



61, 13.862, 337.317



84, 5.454, 336.500



60, 15.116, 303.943



44, 3.753, 336.556



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 13.862, 337.317



76, 20.940, 337.603



61, 10.609, 7.264



33, 5.041, 336.830



32, 60.022, 347.955



2, 8.632, 339.752

Inverse Universe

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



61, 13.862, 337.317



76, 20.940, 337.603



66, 9.916, 184.532



33, 5.041, 336.830



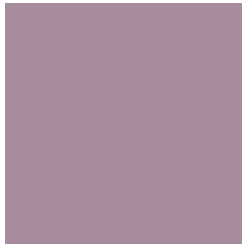
32, 60.022, 347.955



2, 8.632, 339.752

Previews

White Background



This preview shows how the CIELCh color 61, 13.864, 337.315 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, 13.864, 337.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

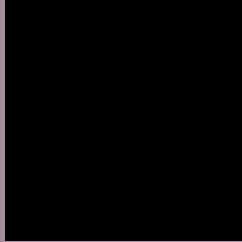
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 13.864, 337.315

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.864, 337.315.



This preview shows how white text looks on a background with the CIELCh color 61, 13.864, 337.315.

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, 13.864, 337.315

Protanopia
61, 8.453, 291.122

Deuteranopia
61, 9.347, 328.828



Tritanopia
61, 11.221, 347.199

Trichromacy



Original Color
61, 13.864, 337.315

Protanomaly
61, 9.679, 311.628

Deuteranomaly
61, 10.778, 333.577

Tritanomaly
61, 11.848, 342.616

Monochromacy



Original Color
61, 13.864, 337.315

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.535, 334.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.864, 337.315 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(166, 140, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 157)  
}
```

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(166, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.864, 337.315 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(166, 140, 157) }
```

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

```
.border{ border-color:rgb(166, 140, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.864, 337.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 157) }
```

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

```
.background{ background-color: rgb(166,  
140, 157) }
```

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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