

Converting Colors

CIELCh(61, 13.828, 332.525)

Have a look what the booklet for
CIELCh(61, 13.828, 332.525)
contains.

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Color

CIELCh(61, 14.129, 331.710)

Conversions

Conversions Part 1

Format	Color
Hex	A48C9F
RGB	164, 140, 159
RGB Percent	64%, 55%, 62%
CMY	0.3560, 0.4501, 0.3756
CMYK	0.00, 0.15, 0.03, 0.36
HSL	313°, 12%, 60%
HSV	313°, 15%, 64%
XYZ	31.0444, 29.2481, 36.9123
YIQ	149.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

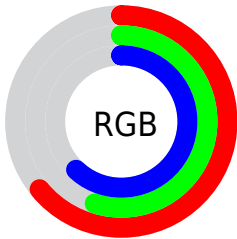
Format	Color
RYB	164, 140, 159
Decimal	10783903
CIELab	61.00, 12.44, -6.70
CIElCh	61, 14.129, 331.710
Yxy	29.2481, 0.3194, 0.3009
Android (android.graphics.Color)	4288973983 (0xFFA48C9F)
YUV	149.3420, 4.7614, 12.8551
Hunter-Lab	54.0815, 7.8215, -2.6101

Details

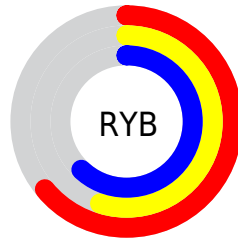
The CIELCh color **61, 14.129, 331.710** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 14.075, 149.868**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 14.005, 331.218**, and **41, 14.165, 331.043** is the 20% darker color. If you saturate the color by 10%, you get **57, 23.862, 332.368**, and if you desaturate by 10%, it is **65, 4.434, 331.044**.

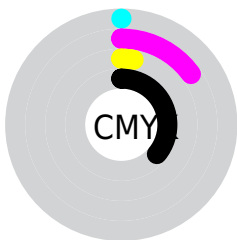
Distribution



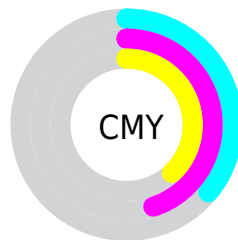
- Red (64%)
- Green (55%)
- Blue (62%)



- Red (64%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.129, 331.710 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, 14.129, 331.710 by changing the saturation by 10% instead.


 61, 14.129,
331.710


 61, 14.129,
331.710


 100, 14.129,
331.710


 51, 14.129,
331.710


 81, 14.129,
331.710

 41, 14.129,
331.710

 91, 14.129,
331.710

 31, 14.129,
331.710

 21, 14.129,
331.710

 11, 14.129,
331.710

 1, 14.129, 331.710

 0, 14.129, 331.710

61, 14.129,
331.710

61, 14.129,
331.710

57, 23.862,
332.368

65, 4.434, 331.044

53, 33.467,
333.046

70, 5.104, 150.559

49, 42.689,
333.746

74, 14.420,
149.953

46, 51.197,
334.474

79, 23.478,
149.402

43, 58.585,
335.239

84, 32.266,
148.884

40, 64.427,
336.058

88, 40.781,
148.394


39, 68.371,
336.959


93, 48.926,
147.952

37, 70.272,

93, 47.564,
149.259

337.979

 93, 46.218,
150.637

 37, 70.852,
338.559

Harmonies

Complementary

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



61, 14.129, 331.710



65, 14.075, 149.868

Rectangle

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



61, 14.129, 331.710



61, 14.129, 21.710



61, 14.129, 151.710



61, 14.129, 201.710

Sweetspot

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



61, 14.127, 331.711



83, 4.768, 331.003



59, 13.751, 299.054



44, 3.384, 331.058



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 14.127, 331.711



76, 21.632, 331.954



61, 10.283, 357.333



32, 5.422, 331.362



32, 64.882, 338.431



1, 8.095, 332.622

Inverse Universe

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



61, 14.127, 331.711



76, 21.632, 331.954



65, 9.869, 174.658



32, 5.422, 331.362



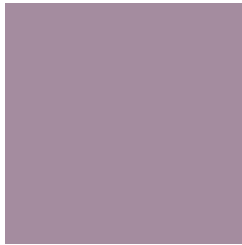
32, 64.882, 338.431



1, 8.095, 332.622

Previews

White Background



This preview shows how the CIELCh color 61, 14.129, 331.710 looks on a white background.

Color Contrast Check

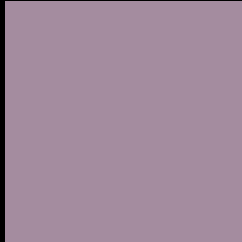
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.129, 331.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

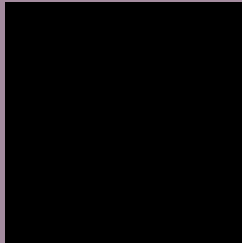
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.129, 331.710

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.129, 331.710.



This preview shows how white text looks on a background with the CIELCh color 61, 14.129, 331.710.

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, 14.129, 331.710

Protanopia

61, 9.580, 289.041

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 10.576, 344.746

Trichromacy



Original Color
61, 14.129, 331.710

Protanomaly
61, 10.624, 307.619

Deuteranomaly
61, 11.605, 324.996

Tritanomaly
61, 11.609, 337.929

Monochromacy



Original Color
61, 14.129, 331.710

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.272, 331.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.129, 331.710 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(164, 140, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 159)  
}
```

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(164, 140, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.129, 331.710 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(164, 140, 159) }
```

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

```
.border{ border-color:rgb(164, 140, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.129, 331.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 159) }
```

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

```
.background{ background-color: rgb(164,  
140, 159) }
```

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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