

Converting Colors

CIELCh(61, 14.567, 338.988)

Have a look what the booklet for
CIELCh(61, 14.567, 338.988)
contains.

CIELCh(61, 14.810, 337.893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 14.810, 337.893)

Conversions

Conversions Part 1

Format	Color
Hex	A78B9D
RGB	167, 139, 157
RGB Percent	65%, 55%, 62%
CMY	0.3439, 0.4537, 0.3831
CMYK	0.00, 0.17, 0.06, 0.34
HSL	321°, 14%, 60%
HSV	321°, 17%, 66%
XYZ	31.3918, 29.2481, 36.0280
YIQ	149.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

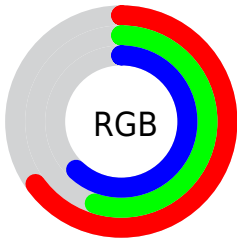
Format	Color
RYB	167, 139, 157
Decimal	10980253
CIELab	61.00, 13.72, -5.57
CIELCh	61, 14.810, 337.893
Yxy	29.2481, 0.3247, 0.3026
Android (android.graphics.Color)	4289170333 (0xFFA78B9D)
YUV	149.4240, 3.7350, 15.4142
Hunter-Lab	54.0815, 8.9682, -1.6406

Details

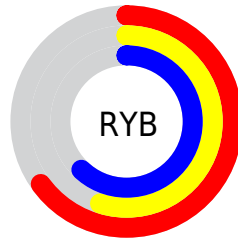
The CIELCh color $61, 14.810, 337.893$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 14.661, 155.445$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.638, 337.077$, and $41, 14.868, 337.800$ is the 20% darker color. If you saturate the color by 10%, you get $57, 23.750, 338.707$, and if you desaturate by 10%, it is $66, 5.915, 337.118$.

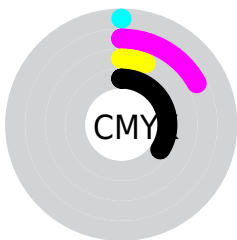
Distribution



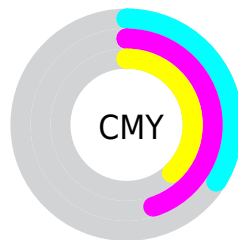
- Red (65%)
- Green (55%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.810, 337.893 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, 14.810, 337.893 by changing the saturation by 10% instead.


 61, 14.810,
337.893


 61, 14.810,
337.893


 100, 14.810,
337.893


 51, 14.810,
337.893


 81, 14.810,
337.893

 41, 14.810,
337.893

 91, 14.810,
337.893

 31, 14.810,
337.893

 21, 14.810,
337.893

 11, 14.810,
337.893

 1, 14.810, 337.893

 0, 14.810, 337.893

61, 14.810,
337.893

61, 14.810,
337.893

57, 23.750,
338.707

66, 5.915, 337.118

52, 32.571,
339.586

70, 2.820, 156.587

49, 41.020,
340.554

75, 11.336,
155.855

45, 48.759,
341.640

80, 19.601,
155.236

42, 55.374,
342.891

84, 27.606,
154.662

40, 60.440,
344.370

89, 35.352,
154.126


38, 63.621,
346.163


93, 42.026,
153.909

37, 64.905,

94, 39.812,
156.937

348.354

 94, 37.692,
160.295

 37, 65.189,
349.106

Harmonies

Complementary

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



61, 14.810, 337.893



66, 14.661, 155.445

Rectangle

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



61, 14.810, 337.893



61, 14.810, 27.893



61, 14.810, 157.893



61, 14.810, 207.893

Sweetspot

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



61, 14.808, 337.895



84, 5.411, 336.983



60, 16.328, 304.603



44, 3.723, 337.039



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, 14.808, 337.895



75, 21.886, 338.182



61, 11.402, 8.671



33, 5.002, 337.317



32, 59.659, 348.819



2, 8.563, 340.302

Inverse Universe

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



61, 14.808, 337.895



75, 21.886, 338.182



66, 10.570, 185.779



33, 5.002, 337.317



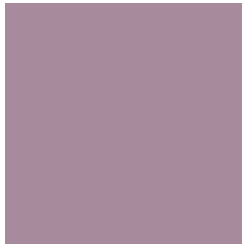
32, 59.659, 348.819



2, 8.563, 340.302

Previews

White Background



This preview shows how the CIELCh color 61, 14.810, 337.893 looks on a white background.

Color Contrast Check

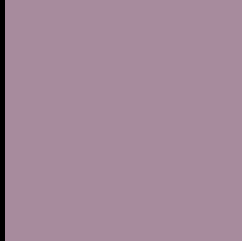
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.810, 337.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

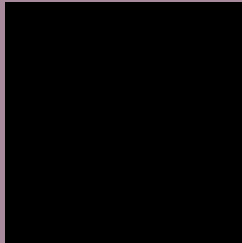
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.810, 337.893

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.810, 337.893.



This preview shows how white text looks on a background with the CIELCh color 61, 14.810, 337.893.

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, 14.810, 337.893

Protanopia

61, 9.016, 291.183

Deuteranopia

61, 9.570, 324.897



Tritanopia
61, 11.899, 349.407

Trichromacy



Original Color
61, 14.810, 337.893

Protanomaly
61, 9.820, 313.706

Deuteranomaly
61, 11.188, 331.603

Tritanomaly
61, 12.486, 344.948

Monochromacy



Original Color
61, 14.810, 337.893

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, 14.810, 337.893 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(167, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 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(167, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.810, 337.893 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(167, 139, 157) }
```

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

```
.border{ border-color:rgb(167, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.810, 337.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 157) }
```

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

```
.background{ background-color: rgb(167,  
139, 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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