

Converting Colors

CIELCh(61, 14.320, 15.127)

Have a look what the booklet for
CIELCh(61, 14.320, 15.127) contains.

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Color

CIELCh(61, 14.149, 16.324)

Conversions

Conversions Part 1

Format	Color
Hex	AE8B8D
RGB	174, 139, 141
RGB Percent	68%, 55%, 55%
CMY	0.3189, 0.4561, 0.4483
CMYK	0.00, 0.20, 0.19, 0.32
HSL	357°, 18%, 61%
HSV	357°, 20%, 68%
XYZ	31.3530, 29.2481, 29.0692
YIQ	149.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

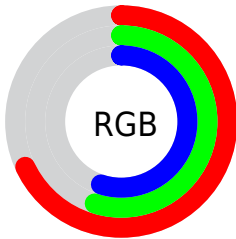
Format	Color
RYB	174, 139, 141
Decimal	11438989
CIELab	61.00, 13.58, 3.98
CIELCh	61, 14.149, 16.324
Yxy	29.2481, 0.3496, 0.3262
Android (android.graphics.Color)	4289629069 (0xFFAE8B8D)
YUV	149.6930, -4.2856, 21.3172
Hunter-Lab	54.0815, 8.8401, 5.9883

Details

The CIELCh color $61, 14.149, 16.324$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 12.594, 193.352$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.013, 16.190$, and $41, 14.080, 16.522$ is the 20% darker color. If you saturate the color by 10%, you get $56, 21.890, 17.508$, and if you desaturate by 10%, it is $66, 6.879, 15.363$.

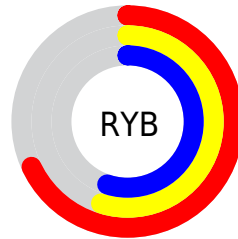
Distribution



Red (68%)

Green (55%)

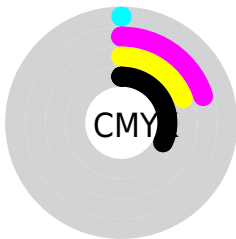
Blue (55%)



Red (68%)

Yellow (55%)

Blue (55%)

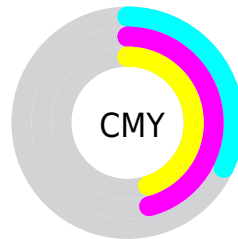


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 14.149, 16.324 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, 14.149, 16.324 by changing the saturation by 10% instead.

■ 61, 14.149, 16.324

■ 61, 14.149, 16.324

■ 100, 14.149,
16.324

■ 51, 14.149, 16.324

■ 81, 14.149, 16.324

■ 41, 14.149, 16.324

■ 91, 14.149, 16.324

■ 31, 14.149, 16.324

■ 21, 14.149, 16.324

■ 11, 14.149, 16.324

■ 1, 14.149, 16.324

■ 0, 14.149, 16.324

■ 61, 14.149, 16.324

■ 61, 14.149, 16.324

■ 56, 21.890, 17.508

■ 66, 6.879, 15.363

52, 30.050, 18.992

71, 0.095, 9.543

48, 38.503, 20.886

76, 6.224, 194.138

44, 47.049, 23.307

81, 12.112,
193.582

41, 55.422, 26.360

86, 17.612,
193.132

38, 63.325, 30.057

37, 70.377, 34.144

91, 22.766,
192.751

36, 75.953, 37.598

95, 25.753,
197.829

Harmonies

Complementary

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



61, 14.149, 16.324



68, 12.594, 193.352

Rectangle

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



61, 14.149, 16.324



61, 14.149, 66.324



61, 14.149, 196.324



61, 14.149, 246.324

Sweetspot

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



61, 14.147, 16.331



86, 4.987, 14.991



62, 23.125, 323.635



46, 3.342, 15.052



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, 14.147, 16.331



76, 21.262, 16.804



65, 11.665, 65.652



34, 3.823, 15.287



31, 67.930, 37.122



2, 7.826, 15.534

Inverse Universe

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



61, 14.147, 16.331



76, 21.262, 16.804



64, 10.826, 250.531



34, 3.823, 15.287



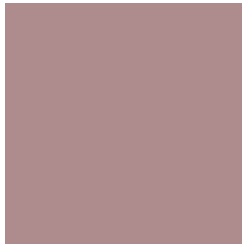
31, 67.930, 37.122



2, 7.826, 15.534

Previews

White Background



This preview shows how the CIELCh color 61, 14.149, 16.324 looks on a white background.

Color Contrast Check

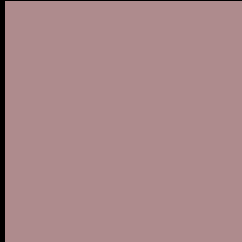
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.149, 16.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

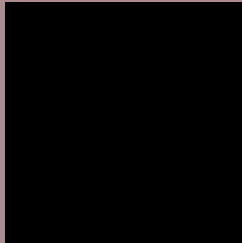
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.149, 16.324

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.149, 16.324.



This preview shows how white text looks on a background with the CIELCh color 61, 14.149, 16.324.

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, 14.149, 16.324

Protanopia

61, 1.609, 63.344

Deuteranopia

61, 8.900, 27.423



Tritanopia
61, 15.665, 0.194

Trichromacy



Original Color
61, 14.149, 16.324

Protanomaly
61, 5.969, 25.285

Deuteranomaly
61, 10.887, 23.380

Tritanomaly
61, 15.258, 6.186

Monochromacy



Original Color
61, 14.149, 16.324

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 5.142, 13.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.149, 16.324 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(174, 139, 141)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 141)  
}
```

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(174, 139, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.149, 16.324 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(174, 139, 141) }
```

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

```
.border{ border-color:rgb(174, 139, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 141);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.149, 16.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 141) }
```

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

```
.background{ background-color: rgb(174,  
139, 141) }
```

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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