

Converting Colors

CIELCh(61, 12.556, 336.790)

Have a look what the booklet for
CIELCh(61, 12.556, 336.790)
contains.

CIELCh(61, 12.264, 337.262)	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, 12.264, 337.262)

Conversions

Conversions Part 1

Format	Color
Hex	A48D9C
RGB	164, 141, 156
RGB Percent	64%, 55%, 61%
CMY	0.3577, 0.4479, 0.3891
CMYK	0.00, 0.14, 0.05, 0.36
HSL	321°, 11%, 60%
HSV	321°, 14%, 64%
XYZ	30.7396, 29.2481, 35.3808
YIQ	149.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

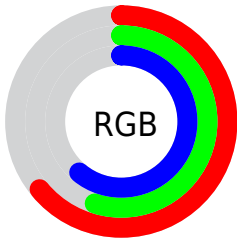
Format	Color
RYB	164, 141, 156
Decimal	10784156
CIELab	61.00, 11.31, -4.74
CIELCh	61, 12.264, 337.262
Yxy	29.2481, 0.3223, 0.3067
Android (android.graphics.Color)	4288974236 (0xFFA48D9C)
YUV	149.5870, 3.1616, 12.6402
Hunter-Lab	54.0815, 6.8156, -0.9311

Details

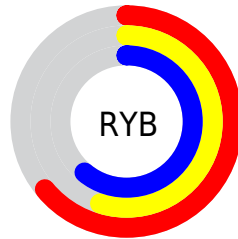
The CIELCh color $61, 12.264, 337.262$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 12.162, 155.274$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.870, 338.266$, and $41, 12.152, 336.934$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.105, 338.050$, and if you desaturate by 10%, it is $65, 3.499, 336.480$.

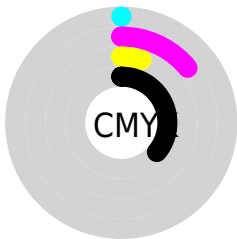
Distribution



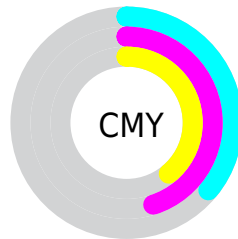
- Red (64%)
- Green (55%)
- Blue (61%)



- Red (64%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.264, 337.262 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, 12.264, 337.262 by changing the saturation by 10% instead.


 61, 12.264,
337.262


 61, 12.264,
337.262


 100, 12.264,
337.262


 51, 12.264,
337.262


 81, 12.264,
337.262

 41, 12.264,
337.262

 91, 12.264,
337.262

 31, 12.264,
337.262

 21, 12.264,
337.262

 11, 12.264,
337.262

 1, 12.264, 337.262

 0, 12.264, 337.262

61, 12.264,
337.262

61, 12.264,
337.262

57, 21.105,
338.050

65, 3.499, 336.480

53, 29.878,
338.894

70, 5.090, 155.952

49, 38.357,
339.816

75, 13.454,
155.284

45, 46.232,
340.841

79, 21.567,
154.683

42, 53.116,
342.007

84, 29.424,
154.124

40, 58.584,
343.368

89, 37.029,
153.600


38, 62.269,
345.002


93, 44.143,
153.189

36, 64.000,

93, 42.008,
155.892

347.002

 93, 39.949,
158.862

 36, 64.521,
348.314

Harmonies

Complementary

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



61, 12.264, 337.262



65, 12.162, 155.274

Rectangle

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



61, 12.264, 337.262



61, 12.264, 27.262



61, 12.264, 157.262



61, 12.264, 207.262

Sweetspot

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



61, 12.262, 337.264



83, 4.271, 336.483



60, 13.365, 303.840



44, 3.061, 336.547



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, 12.262, 337.264



75, 18.335, 337.516



61, 9.364, 7.085



32, 4.908, 336.900



32, 59.227, 348.043



1, 7.271, 338.885

Inverse Universe

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



61, 12.262, 337.264



75, 18.335, 337.516



65, 8.817, 184.681



32, 4.908, 336.900



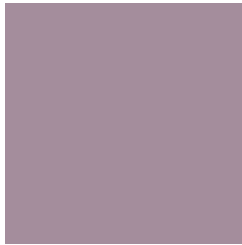
32, 59.227, 348.043



1, 7.271, 338.885

Previews

White Background



This preview shows how the CIELCh color 61, 12.264, 337.262 looks on a white background.

Color Contrast Check

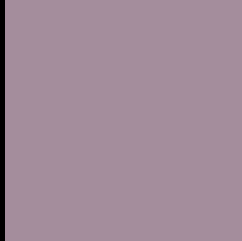
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.264, 337.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

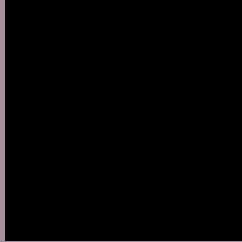
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 12.264, 337.262

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.264, 337.262.



This preview shows how white text looks on a background with the CIELCh color 61, 12.264, 337.262.

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, 12.264, 337.262

Protanopia

61, 7.327, 290.999

Deuteranopia

61, 8.917, 331.076



Tritanopia
61, 10.576, 344.746

Trichromacy



Original Color
61, 12.264, 337.262

Protanomaly
61, 8.494, 311.877

Deuteranomaly
61, 10.112, 334.114

Tritanomaly
61, 10.902, 342.327

Monochromacy



Original Color
61, 12.264, 337.262

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.202, 337.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.264, 337.262 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, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 156)  
}
```

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, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.264, 337.262 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, 141, 156) }
```

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

```
.border{ border-color:rgb(164, 141, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.264, 337.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 156) }
```

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

```
.background{ background-color: rgb(164,  
141, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor