

Converting Colors

CIELCh(61, 15.120, 326.578)

Have a look what the booklet for
CIELCh(61, 15.120, 326.578)
contains.

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Color

CIELCh(61, 15.200, 326.384)

Conversions

Conversions Part 1

Format	Color
Hex	A38CA2
RGB	163, 140, 162
RGB Percent	64%, 55%, 64%
CMY	0.3599, 0.4501, 0.3638
CMYK	0.00, 0.14, 0.01, 0.36
HSL	303°, 11%, 60%
HSV	303°, 14%, 64%
XYZ	31.1030, 29.2481, 38.2941
YIQ	149.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

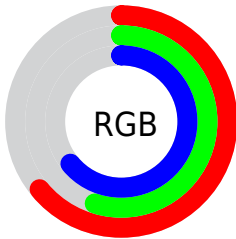
Format	Color
R _Y B	163, 140, 162
Decimal	10718370
CIE Lab	61.00, 12.66, -8.42
CIE LCh	61, 15.200, 326.384
Yxy	29.2481, 0.3153, 0.2965
Android (android.graphics.Color)	4288908450 (0xFFA38CA2)
YUV	149.3850, 6.2192, 11.9404
Hunter-Lab	54.0815, 8.0150, -4.1250

Details

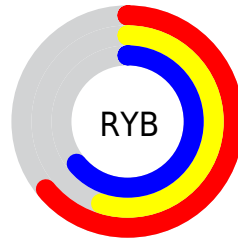
The CIELCh color $61, 15.200, 326.384$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 15.178, 144.785$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.024, 326.170$, and $41, 14.857, 326.734$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.036, 326.941$, and if you desaturate by 10%, it is $65, 4.390, 325.798$.

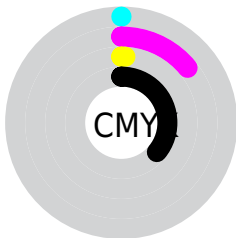
Distribution



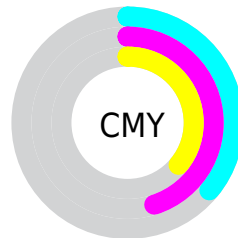
- Red (64%)
- Green (55%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (36%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.200, 326.384 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, 15.200, 326.384 by changing the saturation by 10% instead.


 61, 15.200,
326.384


 61, 15.200,
326.384


 100, 15.200,
326.384


 51, 15.200,
326.384


 81, 15.200,
326.384

 41, 15.200,
326.384

 91, 15.200,
326.384

 31, 15.200,
326.384

 21, 15.200,
326.384

 11, 15.200,
326.384

 1, 15.200, 326.384

 0, 15.200, 326.384

61, 15.200,
326.384

61, 15.200,
326.384

57, 26.036,
326.941

65, 4.390, 325.798

53, 36.712,
327.484

70, 6.259, 145.347

49, 46.959,
328.005

74, 16.669,
144.800

46, 56.431,
328.490

79, 26.795,
144.290

43, 64.723,
328.928

83, 36.617,
143.808

41, 71.423,
329.308

88, 46.129,
143.352


40, 76.205,
329.627


92, 55.337,
142.922

39, 78.947,

93, 55.340,
143.113

329.886

 93, 55.047,
143.326

 38, 80.020,
330.024

Harmonies

Complementary

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



61, 15.200, 326.384



65, 15.178, 144.785

Rectangle

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



61, 15.200, 326.384



61, 15.200, 16.384



61, 15.200, 146.384



61, 15.200, 196.384

Sweetspot

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



61, 15.198, 326.384



83, 5.301, 325.796



59, 13.058, 292.886



44, 3.799, 325.844



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, 15.198, 326.384



76, 22.677, 326.565



61, 10.827, 346.673



32, 6.085, 326.110



34, 73.519, 330.006



2, 9.330, 326.019

Inverse Universe

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



61, 15.198, 326.384



76, 22.677, 326.565



65, 10.607, 164.310



32, 6.085, 326.110



34, 73.519, 330.006



2, 9.330, 326.019

Previews

White Background



This preview shows how the CIELCh color 61, 15.200, 326.384 looks on a white background.

Color Contrast Check

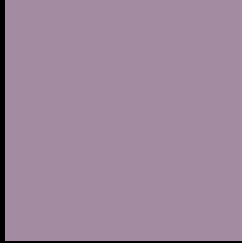
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.200, 326.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

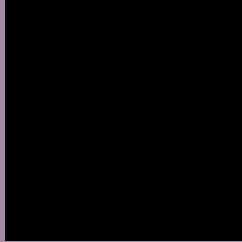
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 15.200, 326.384

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.200, 326.384.



This preview shows how white text looks on a background with the CIELCh color 61, 15.200, 326.384.

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, 15.200, 326.384

Protanopia

61, 11.278, 287.722

Deuteranopia

61, 11.675, 313.997



Tritanopia
61, 9.941, 341.994

Trichromacy



Original Color
61, 15.200, 326.384

Protanomaly
61, 12.164, 303.760

Deuteranomaly
61, 12.842, 319.333

Tritanomaly
61, 11.718, 334.554

Monochromacy



Original Color
61, 15.200, 326.384

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.703, 327.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.200, 326.384 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(163, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 162)  
}
```

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(163, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.200, 326.384 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(163, 140, 162) }
```

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

```
.border{ border-color:rgb(163, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.200, 326.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 162) }
```

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

```
.background{ background-color: rgb(163,  
140, 162) }
```

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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