

Converting Colors

CIELCh(61, 12.535, 314.089)

Have a look what the booklet for
CIELCh(61, 12.535, 314.089)
contains.

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Color

CIELCh(61, 12.338, 314.621)

Conversions

Conversions Part 1

Format	Color
Hex	9C8FA3
RGB	156, 143, 163
RGB Percent	61%, 56%, 64%
CMY	0.3892, 0.4402, 0.3618
CMYK	0.04, 0.12, 0.00, 0.36
HSL	279°, 10%, 60%
HSV	279°, 12%, 64%
XYZ	30.0345, 29.2481, 38.5933
YIQ	149.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

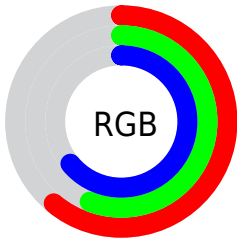
Format	Color
RYB	156, 143, 163
Decimal	10260387
CIELab	61.00, 8.67, -8.78
CIElCh	61, 12.338, 314.621
Yxy	29.2481, 0.3069, 0.2988
Android (android.graphics.Color)	4288450467 (0xFF9C8FA3)
YUV	149.1670, 6.8197, 5.9925
Hunter-Lab	54.0815, 4.4883, -4.4530

Details

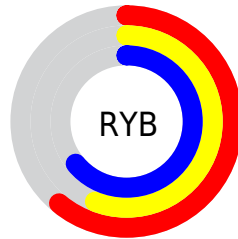
The CIELCh color $61, 12.338, 314.621$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 12.196, 133.623$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 12.290, 315.055$, and $41, 11.994, 315.306$ is the 20% darker color. If you saturate the color by 10%, you get $56, 22.608, 315.056$, and if you desaturate by 10%, it is $66, 2.272, 314.157$.

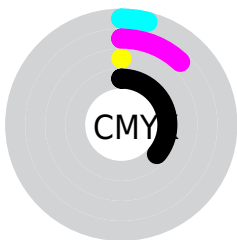
Distribution



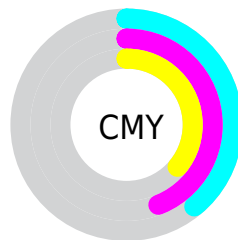
- Red (61%)
- Green (56%)
- Blue (64%)



- Red (61%)
- Yellow (56%)
- Blue (64%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)





- Cyan (39%)
- Magenta (44%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.338, 314.621 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, 12.338, 314.621 by changing the saturation by 10% instead.


 61, 12.338,
314.621


 61, 12.338,
314.621


 100, 12.338,
314.621


 51, 12.338,
314.621


 81, 12.338,
314.621

 41, 12.338,
314.621

 91, 12.338,
314.621

 31, 12.338,
314.621

 21, 12.338,
314.621

 11, 12.338,
314.621

 1, 12.338, 314.621

 0, 12.338, 314.621

61, 12.338,
314.621

61, 12.338,
314.621

56, 22.608,
315.056

66, 2.272, 314.157

52, 33.005,
315.496

71, 7.540, 133.853

47, 43.390,
315.921

75, 17.081,
133.488

43, 53.542,
316.302

80, 26.345,
133.161

39, 63.129,
316.597

85, 35.335,
132.868

35, 71.697,
316.747

90, 44.059,
132.606


32, 78.699,
316.684


94, 51.572,
132.195

30, 83.622,

95, 50.662,
130.185

316.333

 95, 49.812,
128.067

 29, 86.349,
315.930

Harmonies

Complementary

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



61, 12.338, 314.621



65, 12.196, 133.623

Rectangle

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



61, 12.338, 314.621



61, 12.338, 4.621



61, 12.338, 134.621



61, 12.338, 184.621

Sweetspot

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



61, 12.336, 314.620



82, 4.932, 314.256



62, 7.546, 270.026



44, 3.535, 314.291



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, 12.336, 314.620



76, 18.717, 314.750



62, 12.409, 328.999



32, 5.675, 314.489



25, 79.430, 316.028



1, 8.621, 312.225

Inverse Universe

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



61, 8.762, 353.687



76, 13.319, 354.003



65, 12.381, 147.560



32, 4.023, 353.375



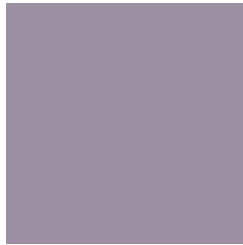
30, 56.291, 15.307



1, 6.048, 354.782

Previews

White Background



This preview shows how the CIELCh color 61, 12.338, 314.621 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 CIELCh color 61, 12.338, 314.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

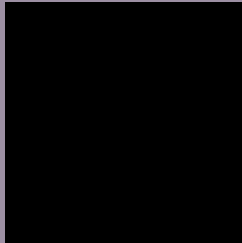
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 12.338, 314.621

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.338, 314.621.



This preview shows how white text looks on a background with the CIELCh color 61, 12.338, 314.621.

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, 12.338, 314.621

Protanopia

61, 10.704, 289.406

Deuteranopia

61, 12.060, 311.309



Tritanopia
61, 7.529, 324.793

Trichromacy



Original Color
61, 12.338, 314.621

Protanomaly
61, 10.838, 299.204

Deuteranomaly
61, 12.194, 312.982

Tritanomaly
61, 8.969, 318.741

Monochromacy



Original Color
61, 12.338, 314.621

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.246, 311.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.338, 314.621 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(156, 143, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 163)  
}
```

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(156, 143, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.338, 314.621 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(156, 143, 163) }
```

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

```
.border{ border-color:rgb(156, 143, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.338, 314.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 163) }
```

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

```
.background{ background-color: rgb(156,  
143, 163) }
```

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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