

Converting Colors

CIELCh(61, 12.628, 257.355)

Have a look what the booklet for
CIELCh(61, 12.628, 257.355)
contains.

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Color

CIELCh(61, 12.615, 257.334)

Conversions

Conversions Part 1

Format	Color
Hex	8296A9
RGB	130, 150, 169
RGB Percent	51%, 59%, 66%
CMY	0.4917, 0.4133, 0.3389
CMYK	0.23, 0.11, 0.00, 0.34
HSL	209°, 18%, 58%
HSV	209°, 23%, 66%
XYZ	27.1102, 29.2481, 41.5502
YIQ	146.1860, -18.0190, 1.6690

Conversions

Conversions Part 2

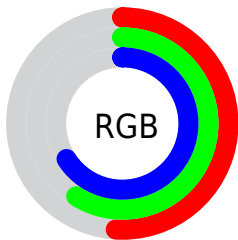
Format	Color
RYB	130, 143, 169
Decimal	8558249
CIELab	61.00, -2.77, -12.31
CIElCh	61, 12.615, 257.334
Yxy	29.2481, 0.2769, 0.2987
Android (android.graphics.Color)	4286748329 (0xFF8296A9)
YUV	146.1860, 11.2473, -14.1951
Hunter-Lab	54.0815, -5.1635, -7.6947

Details

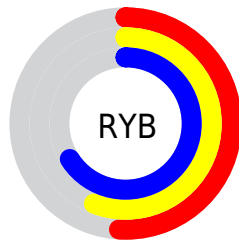
The CIELCh color **61, 12.615, 257.334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 13.473, 71.223**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 12.630, 256.675**, and **41, 12.712, 258.633** is the 20% darker color. If you saturate the color by 10%, you get **58, 17.924, 259.208**, and if you desaturate by 10%, it is **64, 7.208, 255.763**.

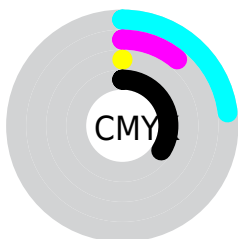
Distribution



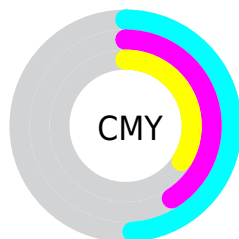
- Red (51%)
- Green (59%)
- Blue (66%)



- Red (51%)
- Yellow (56%)
- Blue (66%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)





- Cyan (49%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.615, 257.334 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, 12.615, 257.334 by changing the saturation by 10% instead.


 61, 12.615,
257.334


 61, 12.615,
257.334


 100, 12.615,
257.334


 51, 12.615,
257.334


 81, 12.615,
257.334

 41, 12.615,
257.334


 91, 12.615,
257.334

 31, 12.615,
257.334

 21, 12.615,
257.334

 11, 12.615,
257.334

 1, 12.615, 257.334

 0, 12.615, 257.334

61, 12.615,
257.334

61, 12.615,
257.334

58, 17.924,
259.208

64, 7.208, 255.763

54, 23.119,
261.450

68, 1.729, 254.570

72, 3.800, 73.154

51, 28.188,
264.113

75, 9.356, 72.236

48, 33.140,
267.247

79, 14.923, 71.414

82, 20.483, 70.696

45, 38.009,
270.876

86, 26.024, 70.067

42, 42.860,
274.970

88, 29.176, 75.249

90, 31.093, 84.068

39, 47.779,
279.417

37, 51.273,

282.431

Harmonies

Complementary

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



61, 12.615, 257.334



63, 13.473, 71.223

Rectangle

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



61, 12.615, 257.334



61, 12.615, 307.334



61, 12.615, 77.334



61, 12.615, 127.334

Sweetspot

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



61, 12.614, 257.329



84, 4.780, 254.972



66, 18.500, 160.768



44, 3.100, 255.039



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, 12.614, 257.329



75, 18.840, 258.299



56, 21.999, 292.169



34, 3.111, 255.241



32, 46.087, 281.892



3, 6.042, 261.474

Inverse Universe

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



58, 18.945, 344.953



72, 28.495, 345.501



68, 20.896, 107.278



33, 4.569, 343.668



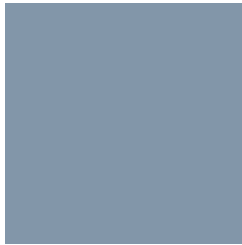
31, 56.693, 359.986



2, 7.859, 346.920

Previews

White Background



This preview shows how the CIELCh color 61, 12.615, 257.334 looks on a white background.

Color Contrast Check

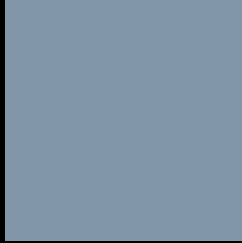
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.615, 257.334 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

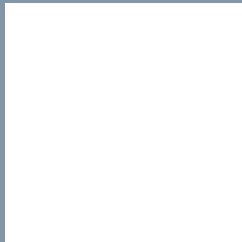
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 12.615, 257.334

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.615, 257.334.



This preview shows how white text looks on a background with the CIELCh color 61, 12.615, 257.334.

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

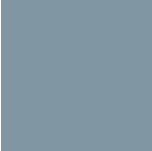
61, 12.615, 257.334

Protanopia

61, 11.278, 287.722

Deuteranopia

61, 15.496, 301.304



Tritanopia
61, 10.482, 239.145

Trichromacy



Original Color
61, 12.615, 257.334

Protanomaly
61, 11.559, 276.976

Deuteranomaly
61, 13.540, 288.628

Tritanomaly
61, 11.105, 248.721

Monochromacy



Original Color
61, 12.615, 257.334

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.697, 256.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.615, 257.334 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(130, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(130, 150, 169)  
}
```

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(130, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 150, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.615, 257.334 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(130, 150, 169) }
```

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

```
.border{ border-color:rgb(130, 150, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 150, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 150, 169);  
box-shadow:4px 4px 4px 4px rgb(130, 150,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.615, 257.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 150, 169) }
```

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

```
.background{ background-color: rgb(130,  
150, 169) }
```

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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