

Converting Colors

CIELCh(61, 10.335, 235.854)

Have a look what the booklet for
CIELCh(61, 10.335, 235.854)
contains.

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Color

CIELCh(61, 10.436, 235.360)

Conversions

Conversions Part 1

Format	Color
Hex	7F97A2
RGB	127, 151, 162
RGB Percent	50%, 59%, 64%
CMY	0.5020, 0.4079, 0.3648
CMYK	0.22, 0.07, 0.00, 0.36
HSL	199°, 16%, 57%
HSV	199°, 22%, 64%
XYZ	26.3354, 29.2481, 38.4334
YIQ	145.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

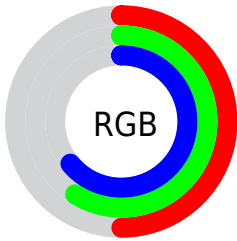
Format	Color
R_{YB}	127, 141, 162
Decimal	8361890
CIE _{Lab}	61.00, -5.93, -8.59
CIE _{LCh}	61, 10.436, 235.360
Yxy	29.2481, 0.2801, 0.3111
Android (android.graphics.Color)	4286551970 (0xFF7F97A2)
YUV	145.0780, 8.3425, -15.8544
Hunter-Lab	54.0815, -7.7209, -4.2778

Details

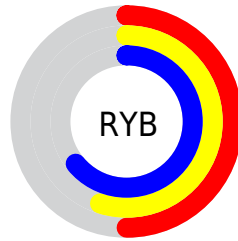
The CIELCh color `61, 10.436, 235.360` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `59, 11.753, 51.844`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 10.561, 236.221`, and `41, 10.343, 234.733` is the 20% darker color. If you saturate the color by 10%, you get `59, 14.873, 236.651`, and if you desaturate by 10%, it is `64, 5.730, 234.343`.

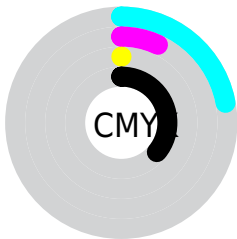
Distribution



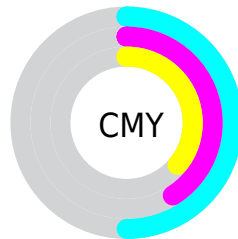
- Red (50%)
- Green (59%)
- Blue (64%)



- Red (50%)
- Yellow (55%)
- Blue (64%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)





- Cyan (50%)
- Magenta (41%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 10.436, 235.360 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, 10.436, 235.360 by changing the saturation by 10% instead.


 61, 10.436,
235.360


 61, 10.436,
235.360


 100, 10.436,
235.360


 51, 10.436,
235.360


 81, 10.436,
235.360

 41, 10.436,
235.360

 91, 10.436,
235.360

 31, 10.436,
235.360

 21, 10.436,
235.360

 11, 10.436,
235.360

 1, 10.436, 235.360

 0, 10.436, 235.360

61, 10.436,
235.360

61, 10.436,
235.360

59, 14.873,
236.651

64, 5.730, 234.343

56, 18.989,
238.288

66, 0.810, 233.963

69, 4.277, 52.675

54, 22.732,
240.339

72, 9.490, 52.199

52, 26.064,
242.887

74, 14.795, 51.791

77, 20.162, 51.457

49, 28.977,
246.015

80, 25.568, 51.187

48, 31.500,
249.786

83, 30.426, 51.555

84, 30.212, 57.448

46, 33.717,
254.207

44, 35.511,

258.167

Harmonies

Complementary

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



61, 10.436, 235.360



59, 11.753, 51.844

Rectangle

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



61, 10.436, 235.360



61, 10.436, 285.360



61, 10.436, 55.360



61, 10.436, 105.360

Sweetspot

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



61, 10.436, 235.353



83, 3.724, 233.928



63, 19.252, 152.685



44, 2.487, 233.966



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, 10.436, 235.353



76, 15.424, 235.949



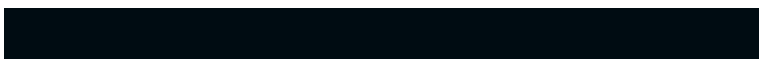
56, 16.149, 283.194



33, 2.823, 234.150



40, 32.647, 257.655



3, 4.499, 240.438

Inverse Universe

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



57, 19.226, 336.373



71, 28.795, 336.751



64, 15.775, 97.952



32, 5.028, 335.460



32, 60.404, 345.504



1, 7.452, 337.328

Previews

White Background



This preview shows how the CIELCh color 61, 10.436, 235.360 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, 10.436, 235.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

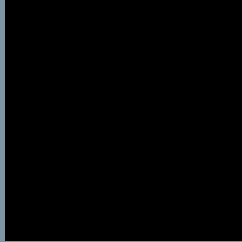
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

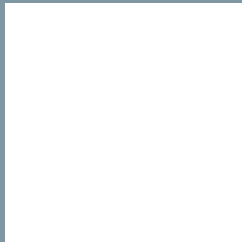
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 10.436, 235.360

Background



This preview shows how black text looks on a background with the CIELCh color 61, 10.436, 235.360.



This preview shows how white text looks on a background with the CIELCh color 61, 10.436, 235.360.

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, 10.436, 235.360

Protanopia

61, 7.327, 290.999

Deuteranopia

61, 12.471, 308.810



Tritanopia
61, 10.743, 237.959

Trichromacy



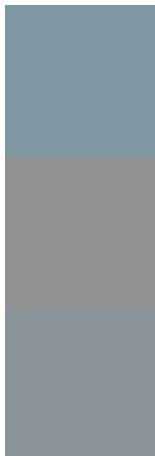
Original Color
61, 10.436, 235.360

Protanomaly
61, 7.456, 264.540

Deuteranomaly
61, 9.595, 286.849

Tritanomaly
61, 10.743, 237.959

Monochromacy



Original Color
61, 10.436, 235.360

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.039, 233.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 10.436, 235.360 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(127, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 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(127, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 10.436, 235.360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

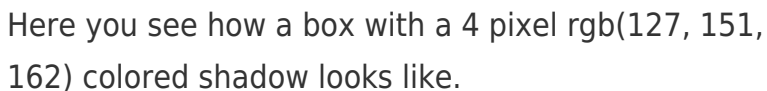
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 151, 162) }
```

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

```
.border{ border-color:rgb(127, 151, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 151, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 151, 162); box-shadow:4px 4px 4px 4px rgb(127, 151, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 10.436, 235.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 162) }
```

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

```
.background{ background-color: rgb(127,  
151, 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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