

Converting Colors

CIELCh(61, 11.601, 246.518)

Have a look what the booklet for
CIELCh(61, 11.601, 246.518)
contains.

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Color

CIELCh(61, 11.723, 249.437)

Conversions

Conversions Part 1

Format	Color
Hex	8096A6
RGB	128, 150, 166
RGB Percent	50%, 59%, 65%
CMY	0.4972, 0.4109, 0.3482
CMYK	0.23, 0.10, 0.00, 0.35
HSL	205°, 18%, 58%
HSV	205°, 23%, 65%
XYZ	26.7776, 29.2481, 40.4162
YIQ	145.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

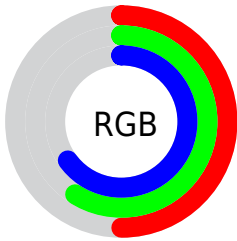
Format	Color
RYB	128, 142, 166
Decimal	8427174
CIELab	61.00, -4.12, -10.98
CIElCh	61, 11.723, 249.437
Yxy	29.2481, 0.2777, 0.3033
Android (android.graphics.Color)	4286617254 (0xFF8096A6)
YUV	145.2460, 10.2317, -15.1247
Hunter-Lab	54.0815, -6.2613, -6.4515

Details

The CIELCh color $61, 11.723, 249.437$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.830, 63.987$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.798, 249.249$, and $41, 11.717, 250.184$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.593, 251.185$, and if you desaturate by 10%, it is $64, 6.683, 247.995$.

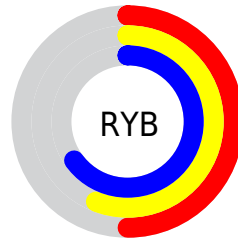
Distribution



Red (50%)

Green (59%)

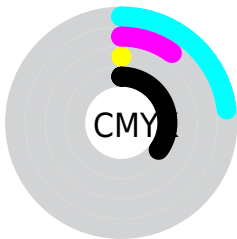
Blue (65%)



Red (50%)

Yellow (56%)

Blue (65%)

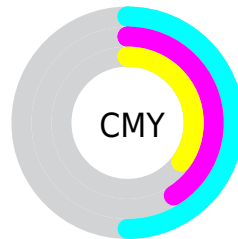


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (50%)


Magenta (41%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.723, 249.437 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, 11.723, 249.437 by changing the saturation by 10% instead.


 61, 11.723,
249.437


 61, 11.723,
249.437


 100, 11.723,
249.437


 51, 11.723,
249.437


 81, 11.723,
249.437

 41, 11.723,
249.437

 91, 11.723,
249.437

 31, 11.723,
249.437

 21, 11.723,
249.437

 11, 11.723,
249.437

 1, 11.723, 249.437

 0, 11.723, 249.437

61, 11.723,
249.437

61, 11.723,
249.437

58, 16.593,
251.185

64, 6.683, 247.995

55, 21.262,
253.311

67, 1.508, 246.973

70, 3.767, 65.611

52, 25.704,
255.877

74, 9.115, 64.815

49, 29.914,
258.949

77, 14.510, 64.106

80, 19.930, 63.494

46, 33.912,
262.573

83, 25.359, 62.966

44, 37.759,
266.748

86, 28.942, 65.828

88, 29.853, 74.004

42, 41.554,
271.393

40, 44.337,

274.728

Harmonies

Complementary

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



61, 11.723, 249.437



61, 12.830, 63.987

Rectangle

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



61, 11.723, 249.437



61, 11.723, 299.437



61, 11.723, 69.437



61, 11.723, 119.437

Sweetspot

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



61, 11.722, 249.431



84, 4.544, 247.316



65, 19.035, 157.545



44, 2.974, 247.376



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, 11.722, 249.431



76, 17.063, 250.201



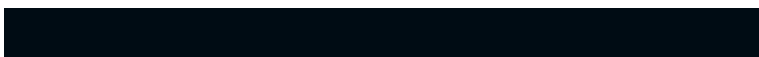
56, 19.986, 289.340



34, 2.982, 247.557



35, 40.364, 274.205



3, 5.755, 255.193

Inverse Universe

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



58, 19.329, 341.450



72, 28.376, 341.875



66, 19.146, 104.258



33, 4.782, 340.292



32, 57.882, 354.092



2, 8.190, 343.531

Previews

White Background



This preview shows how the CIELCh color 61, 11.723, 249.437 looks on a white background.

Color Contrast Check

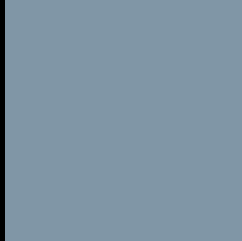
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.723, 249.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

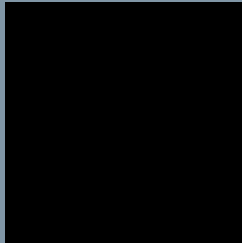
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

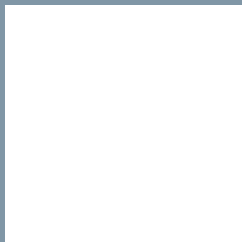
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.723, 249.437

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.723, 249.437.



This preview shows how white text looks on a background with the CIELCh color 61, 11.723, 249.437.

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](#).

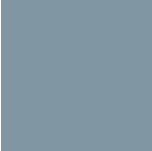
Dichromacy



Original Color
61, 11.723, 249.437

Protanopia
61, 9.580, 289.041

Deuteranopia
61, 14.460, 303.418



Tritanopia
61, 10.482, 239.145

Trichromacy



Original Color
61, 11.723, 249.437

Protanomaly
61, 9.507, 271.023

Deuteranomaly
61, 11.860, 286.224

Tritanomaly
61, 10.818, 241.615

Monochromacy



Original Color
61, 11.723, 249.437

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.480, 248.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.723, 249.437 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(128, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 150, 166)  
}
```

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(128, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 150, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.723, 249.437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

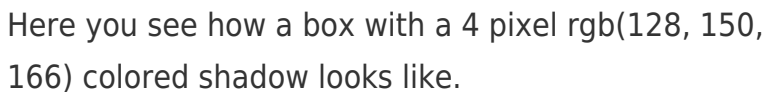
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 150, 166) }
```

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

```
.border{ border-color:rgb(128, 150, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 150,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.723, 249.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 150, 166) }
```

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

```
.background{ background-color: rgb(128,  
150, 166) }
```

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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