

Converting Colors

CIELCh(61, 15.559, 227.952)

Have a look what the booklet for
CIELCh(61, 15.559, 227.952)
contains.

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Color

CIELCh(61, 15.568, 226.546)

Conversions

Conversions Part 1

Format	Color
Hex	719AA7
RGB	113, 154, 167
RGB Percent	44%, 60%, 65%
CMY	0.5583, 0.3976, 0.3466
CMYK	0.32, 0.08, 0.00, 0.35
HSL	194°, 23%, 55%
HSV	194°, 32%, 65%
XYZ	25.1948, 29.2481, 40.6911
YIQ	143.2230, -28.6090, -4.6490

Conversions

Conversions Part 2

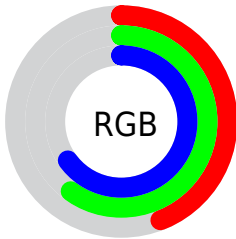
Format	Color
R_{YB}	113, 136, 167
Decimal	7445159
CIE _{Lab}	61.00, -10.71, -11.30
CIE _{LCh}	61, 15.568, 226.546
Yxy	29.2481, 0.2648, 0.3074
Android (android.graphics.Color)	4285635239 (0xFF719AA7)
YUV	143.2230, 11.7221, -26.5056
Hunter-Lab	54.0815, -11.4853, -6.7528

Details

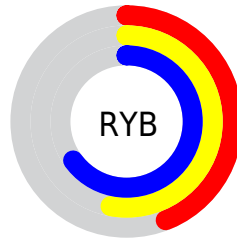
The CIELCh color $61, 15.568, 226.546$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 19.275, 43.378$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.617, 227.158$, and $41, 15.624, 225.957$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.605, 227.741$, and if you desaturate by 10%, it is $63, 11.117, 225.635$.

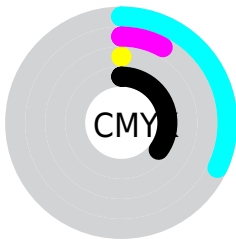
Distribution



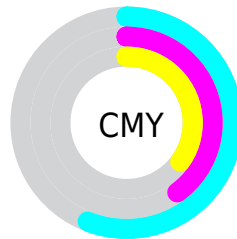
- Red (44%)
- Green (60%)
- Blue (65%)



- Red (44%)
- Yellow (53%)
- Blue (65%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)





- Cyan (56%)
- Magenta (40%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.568, 226.546 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, 15.568, 226.546 by changing the saturation by 10% instead.


 61, 15.568,
226.546


 61, 15.568,
226.546


 100, 15.568,
226.546


 51, 15.568,
226.546


 81, 15.568,
226.546

 41, 15.568,
226.546

 91, 15.568,
226.546

 31, 15.568,
226.546

 21, 15.568,
226.546

 11, 15.568,
226.546

 1, 15.568, 226.546

 0, 15.568, 226.546

61, 15.568,
226.546

61, 15.568,
226.546

59, 19.605,
227.741

63, 11.117,
225.635

57, 23.162,
229.299

65, 6.323, 224.974

68, 1.255, 224.757

55, 26.181,
231.296

70, 4.029, 43.898

53, 28.635,
233.822

73, 9.476, 43.699

52, 30.536,
236.957

75, 15.043, 43.537

78, 20.693, 43.431

50, 31.957,
240.754

80, 26.398, 43.372

49, 32.882,
243.913

82, 29.248, 45.478

Harmonies

Complementary

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



61, 15.568, 226.546



56, 19.275, 43.378

Rectangle

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



61, 15.568, 226.546



61, 15.568, 276.546



61, 15.568, 46.546



61, 15.568, 96.546

Sweetspot

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



61, 15.568, 226.542



84, 6.349, 224.862



64, 31.007, 149.213



44, 4.352, 224.929



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, 15.568, 226.542



76, 22.582, 227.386



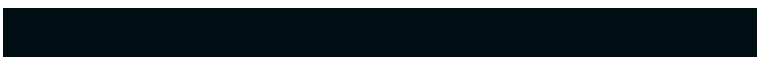
53, 23.211, 280.895



34, 2.931, 224.821



44, 30.059, 243.423



4, 5.384, 232.659

Inverse Universe

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



54, 31.038, 334.145



66, 46.039, 334.682



63, 22.805, 92.150



33, 5.436, 332.548



33, 64.200, 340.463



2, 9.382, 334.640

Previews

White Background



This preview shows how the CIELCh color 61, 15.568, 226.546 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, 15.568, 226.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

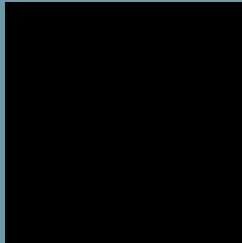
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

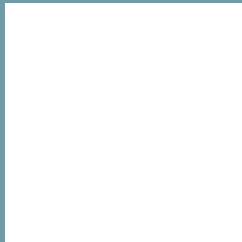
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 15.568, 226.546

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.568, 226.546.



This preview shows how white text looks on a background with the CIELCh color 61, 15.568, 226.546.

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, 15.568, 226.546

Protanopia

61, 9.018, 288.836

Deuteranopia

61, 14.942, 301.627



Tritanopia
61, 15.650, 224.023

Trichromacy



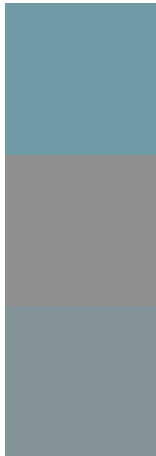
Original Color
61, 15.568, 226.546

Protanomaly
61, 10.086, 256.264

Deuteranomaly
61, 12.368, 272.948

Tritanomaly
61, 15.650, 224.023

Monochromacy



Original Color
61, 15.568, 226.546

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 6.196, 226.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.568, 226.546 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(113, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(113, 154, 167)  
}
```

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(113, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 154, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.568, 226.546 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(113, 154, 167) }
```

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

```
.border{ border-color:rgb(113, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(113, 154,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.568, 226.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 154, 167) }
```

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

```
.background{ background-color: rgb(113,  
154, 167) }
```

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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