

Converting Colors

CIELCh(61, 11.959, 223.752)

Have a look what the booklet for
CIELCh(61, 11.959, 223.752)
contains.

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Color

CIELCh(61, 11.959, 223.752)

Conversions

Conversions Part 1

Format	Color
Hex	7998A1
RGB	121, 152, 161
RGB Percent	47%, 60%, 63%
CMY	0.5241, 0.4025, 0.3672
CMYK	0.25, 0.06, 0.00, 0.37
HSL	193°, 18%, 55%
HSV	193°, 25%, 63%
XYZ	25.6848, 29.2481, 38.1762
YIQ	143.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

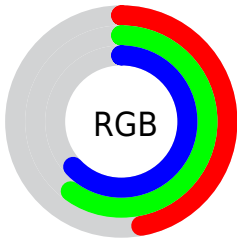
Format	Color
RYB	121, 138, 161
Decimal	7968929
CIELab	61.00, -8.64, -8.27
CIElCh	61, 11.959, 223.752
Yxy	29.2481, 0.2759, 0.3141
Android (android.graphics.Color)	4286159009 (0xFF7998A1)
YUV	143.7570, 8.5008, -19.9579
Hunter-Lab	54.0815, -9.8681, -3.9958

Details

The CIELCh color `61, 11.959, 223.752` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `57, 14.036, 41.799`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 12.017, 225.105`, and `41, 12.078, 225.350` is the 20% darker color. If you saturate the color by 10%, you get `59, 16.212, 224.612`, and if you desaturate by 10%, it is `63, 7.345, 223.119`.

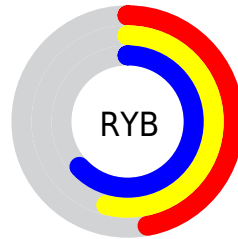
Distribution



Red (47%)

Green (60%)

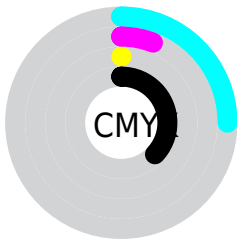
Blue (63%)



Red (47%)

Yellow (54%)

Blue (63%)

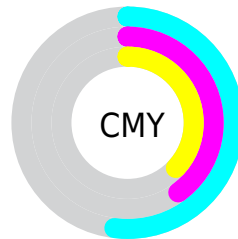


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (37%)



Cyan (52%)


Magenta (40%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.959, 223.752 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, 11.959, 223.752 by changing the saturation by 10% instead.


 61, 11.959,
223.752


 61, 11.959,
223.752


 100, 11.959,
223.752


 51, 11.959,
223.752


 81, 11.959,
223.752

 41, 11.959,
223.752

 91, 11.959,
223.752

 31, 11.959,
223.752

 21, 11.959,
223.752

 11, 11.959,
223.752

 1, 11.959, 223.752

 0, 11.959, 223.752

61, 11.959,
223.752

61, 11.959,
223.752

59, 16.212,
224.612

63, 7.345, 223.119

57, 20.033,
225.767

65, 2.440, 222.771

68, 2.695, 42.081

55, 23.354,
227.277

70, 8.006, 41.968

54, 26.123,
229.222

72, 13.446, 41.850

75, 18.978, 41.784

52, 28.316,
231.687

77, 24.572, 41.762

51, 29.952,
234.751

80, 30.202, 41.777

81, 31.367, 44.574

49, 31.111,
238.458

49, 31.659,

Harmonies

Complementary

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



61, 11.959, 223.752



57, 14.036, 41.799

Rectangle

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



61, 11.959, 223.752



61, 11.959, 273.752



61, 11.959, 43.752



61, 11.959, 93.752

Sweetspot

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



61, 11.959, 223.746



82, 4.374, 222.807



63, 23.441, 149.337



43, 2.833, 222.822



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 11.959, 223.746



76, 17.529, 224.213



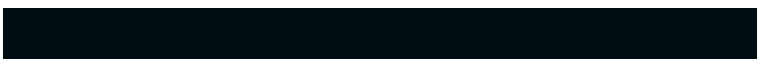
55, 16.808, 278.402



33, 2.874, 222.874



44, 29.281, 240.065



3, 4.497, 228.626

Inverse Universe

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



56, 23.421, 332.999



68, 34.972, 333.396



62, 16.668, 91.902



32, 5.359, 331.963



32, 64.113, 339.447



1, 7.987, 333.338

Previews

White Background



This preview shows how the CIELCh color 61, 11.959, 223.752 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, 11.959, 223.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

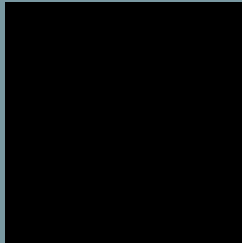
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

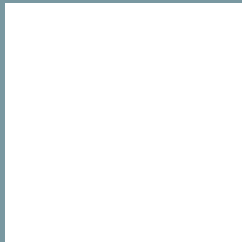
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.959, 223.752

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.959, 223.752.



This preview shows how white text looks on a background with the CIELCh color 61, 11.959, 223.752.

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, 11.959, 223.752

Protanopia

61, 6.201, 290.877

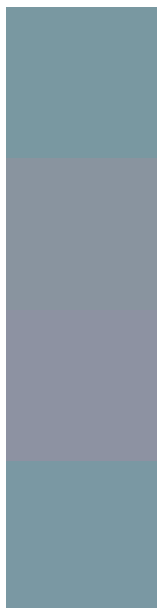
Deuteranopia

61, 11.937, 309.605



Tritanopia
61, 12.349, 231.970

Trichromacy



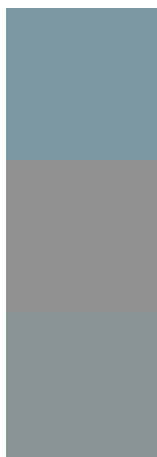
Original Color
61, 11.959, 223.752

Protanomaly
61, 7.319, 257.287

Deuteranomaly
61, 9.167, 279.638

Tritanomaly
61, 12.098, 229.562

Monochromacy



Original Color
61, 11.959, 223.752

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.447, 221.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.959, 223.752 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(121, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 161)  
}
```

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(121, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.959, 223.752 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(121, 152, 161) }
```

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

```
.border{ border-color:rgb(121, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(121, 152,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.959, 223.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 161) }
```

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

```
.background{ background-color: rgb(121,  
152, 161) }
```

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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