

Converting Colors

CIELCh(61, 14.036, 236.851)

Have a look what the booklet for
CIELCh(61, 14.036, 236.851)
contains.

CIELCh(61, 13.970, 236.019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 13.970, 236.019)

Conversions

Conversions Part 1

Format	Color
Hex	7798A7
RGB	119, 152, 167
RGB Percent	47%, 60%, 65%
CMY	0.5326, 0.4032, 0.3444
CMYK	0.29, 0.09, 0.00, 0.34
HSL	199°, 21%, 56%
HSV	199°, 29%, 66%
XYZ	25.8833, 29.2481, 40.9313
YIQ	143.8430, -24.4830, -2.3310

Conversions

Conversions Part 2

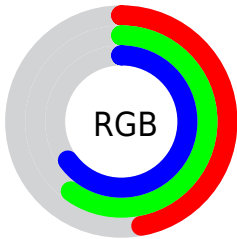
Format	Color
RYB	119, 139, 167
Decimal	7837863
CIELab	61.00, -7.81, -11.58
CIELCh	61, 13.970, 236.019
Yxy	29.2481, 0.2694, 0.3045
Android (android.graphics.Color)	4286027943 (0xFF7798A7)
YUV	143.8430, 11.4164, -21.7873
Hunter-Lab	54.0815, -9.2131, -7.0163

Details

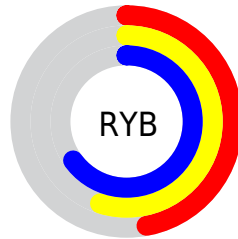
The CIELCh color $61, 13.970, 236.019$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $59, 16.468, 51.241$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.022, 236.291$, and $41, 13.886, 236.369$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.286, 237.544$, and if you desaturate by 10%, it is $64, 9.335, 234.807$.

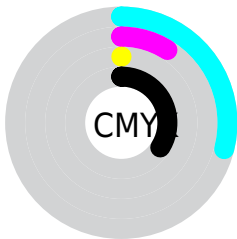
Distribution



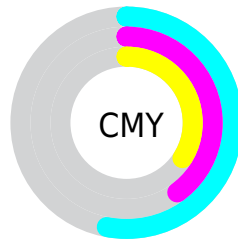
- Red (47%)
- Green (60%)
- Blue (65%)



- Red (47%)
- Yellow (55%)
- Blue (65%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)





- Cyan (53%)
- Magenta (40%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 13.970, 236.019 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, 13.970, 236.019 by changing the saturation by 10% instead.


 61, 13.970,
236.019


 61, 13.970,
236.019


 100, 13.970,
236.019


 51, 13.970,
236.019


 81, 13.970,
236.019

 41, 13.970,
236.019

 91, 13.970,
236.019

 31, 13.970,
236.019

 21, 13.970,
236.019

 11, 13.970,
236.019

 1, 13.970, 236.019

 0, 13.970, 236.019

61, 13.970,
236.019

61, 13.970,
236.019

59, 18.286,
237.544

64, 9.335, 234.807

56, 22.231,
239.466

66, 4.440, 233.886

69, 0.663, 52.355

54, 25.760,
241.862

72, 5.926, 52.324

52, 28.852,
244.820

74, 11.308, 51.867

77, 16.775, 51.487

50, 31.526,
248.409

80, 22.299, 51.177

48, 33.853,
252.659

83, 27.858, 50.927

84, 28.329, 56.561

46, 36.002,
257.400

46, 36.290,

257.993

Harmonies

Complementary

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



61, 13.970, 236.019



59, 16.468, 51.241

Rectangle

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



61, 13.970, 236.019



61, 13.970, 286.019



61, 13.970, 56.019



61, 13.970, 106.019

Sweetspot

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



61, 13.970, 236.014



84, 5.660, 233.920



64, 26.231, 152.031



44, 3.953, 234.033



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, 13.970, 236.014



76, 20.092, 236.874



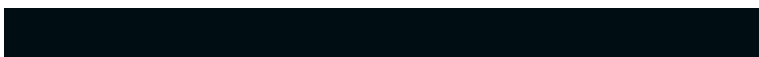
54, 22.258, 284.340



34, 2.896, 233.930



41, 32.997, 257.428



3, 5.435, 242.484

Inverse Universe

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



56, 26.278, 336.855



68, 38.378, 337.335



65, 21.547, 97.110



33, 5.164, 335.390



32, 61.224, 345.411



2, 8.855, 338.086

Previews

White Background



This preview shows how the CIELCh color 61, 13.970, 236.019 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, 13.970, 236.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

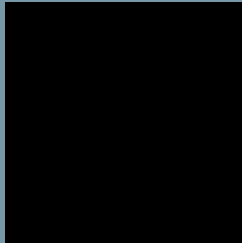
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

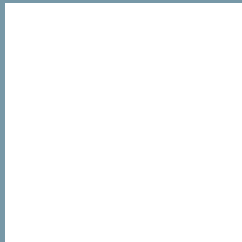
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 13.970, 236.019

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.970, 236.019.

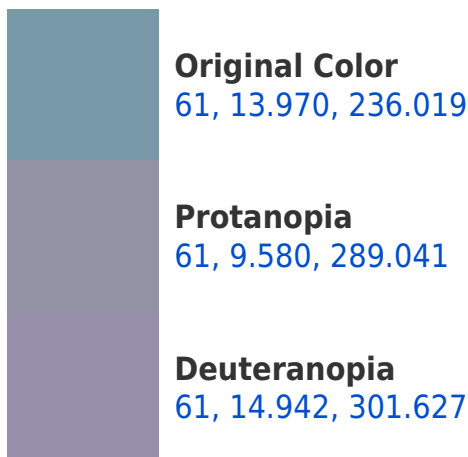


This preview shows how white text looks on a background with the CIELCh color 61, 13.970, 236.019.

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





Tritanopia
61, 13.443, 228.837

Trichromacy



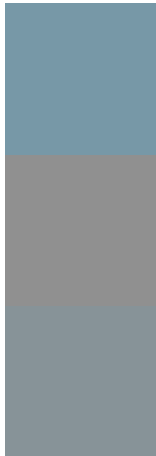
Original Color
61, 13.970, 236.019

Protanomaly
61, 10.401, 266.628

Deuteranomaly
61, 12.595, 280.036

Tritanomaly
61, 13.682, 231.035

Monochromacy



Original Color
61, 13.970, 236.019

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.250, 231.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.970, 236.019 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(119, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 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(119, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.970, 236.019 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(119, 152, 167) }
```

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

```
.border{ border-color:rgb(119, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.970, 236.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 167) }
```

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

```
.background{ background-color: rgb(119,  
152, 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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