

Converting Colors

CIELCh(61, 12.159, 198.602)

Have a look what the booklet for
CIELCh(61, 12.159, 198.602)
contains.

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Color

CIELCh(61, 11.937, 201.075)

Conversions

Conversions Part 1

Format	Color
Hex	78999A
RGB	120, 153, 154
RGB Percent	47%, 60%, 60%
CMY	0.5282, 0.3987, 0.3948
CMYK	0.22, 0.01, 0.00, 0.39
HSL	182°, 14%, 54%
HSV	182°, 22%, 61%
XYZ	25.0935, 29.2481, 35.0362
YIQ	143.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

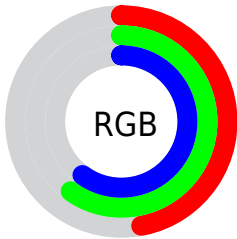
Format	Color
R_{YB}	120, 137, 154
Decimal	7903642
CIE _{Lab}	61.00, -11.14, -4.29
CIE _{LCh}	61, 11.937, 201.075
Yxy	29.2481, 0.2808, 0.3272
Android (android.graphics.Color)	4286093722 (0xFF78999A)
YUV	143.2470, 5.3012, -20.3876
Hunter-Lab	54.0815, -11.8199, -0.5534

Details

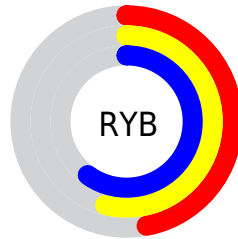
The CIELCh color `61, 11.937, 201.075` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 13.793, 23.268`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 11.810, 201.182`, and `41, 12.064, 200.880` is the 20% darker color. If you saturate the color by 10%, you get `60, 16.739, 200.745`, and if you desaturate by 10%, it is `62, 6.717, 201.474`.

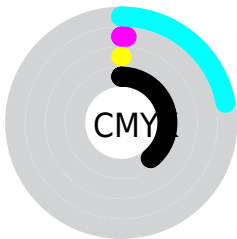
Distribution



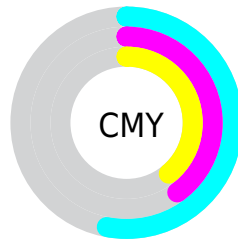
- Red (47%)
- Green (60%)
- Blue (60%)



- Red (47%)
- Yellow (54%)
- Blue (60%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 11.937, 201.075 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, 11.937, 201.075 by changing the saturation by 10% instead.

■ 61, 11.937,
201.075

■ 61, 11.937,
201.075

■ 100, 11.937,
201.075

■ 51, 11.937,
201.075

■ 81, 11.937,
201.075

■ 41, 11.937,
201.075

■ 91, 11.937,
201.075

■ 31, 11.937,
201.075

■ 21, 11.937,
201.075

■ 11, 11.937,
201.075

■ 1, 11.937, 201.075

■ 0, 11.937, 201.075

61, 11.937,
201.075

61, 11.937,
201.075

60, 16.739,
200.745

62, 6.717, 201.474

59, 21.033,
200.501

63, 1.164, 202.225

58, 24.734,
200.343

65, 4.641, 22.199

58, 27.774,
200.282

66, 10.628, 22.751

57, 30.107,
200.328

68, 16.736, 23.286

57, 31.724,
200.486

70, 22.918, 23.828

56, 32.659,
200.760

71, 29.134, 24.374

56, 33.090,

73, 35.354, 24.922

75, 39.825, 25.405

Harmonies

Complementary

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



61, 11.937, 201.075



54, 13.793, 23.268

Rectangle

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



61, 11.937, 201.075



61, 11.937, 251.075



61, 11.937, 21.075



61, 11.937, 71.075

Sweetspot

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



61, 11.937, 201.069



80, 4.914, 201.722



60, 23.149, 143.485



42, 3.214, 201.692



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 11.937, 201.069



77, 17.234, 200.915



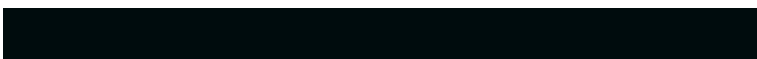
56, 11.503, 260.373



32, 3.154, 201.609



51, 30.867, 200.994



3, 3.478, 202.283

Inverse Universe

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



55, 22.968, 326.418



68, 33.661, 326.661



58, 12.108, 74.489



30, 5.823, 325.708



33, 72.424, 329.405



1, 6.243, 325.336

Previews

White Background



This preview shows how the CIELCh color 61, 11.937, 201.075 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, 11.937, 201.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

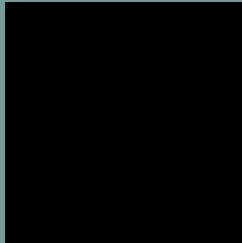
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

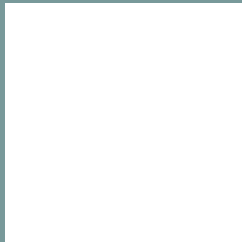
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.937, 201.075

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.937, 201.075.

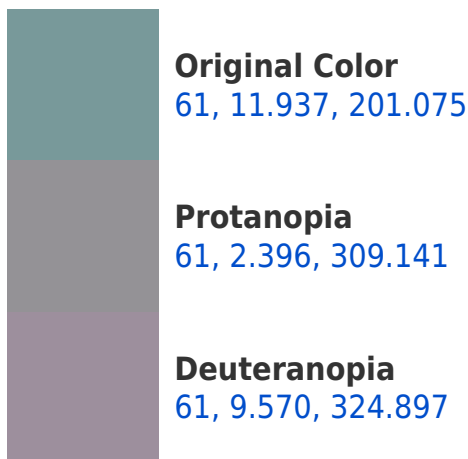



This preview shows how white text looks on a background with the CIELCh color 61, 11.937, 201.075.

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, 12.349, 231.970

Trichromacy



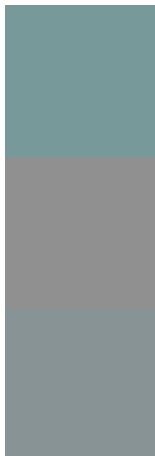
Original Color
61, 11.937, 201.075

Protanomaly
61, 4.437, 221.560

Deuteranomaly
61, 5.174, 278.180

Tritanomaly
61, 11.783, 221.126

Monochromacy



Original Color
61, 11.937, 201.075

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.566, 206.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.937, 201.075 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(120, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(120, 153, 154)  
}
```

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(120, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 153, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.937, 201.075 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(120, 153, 154) }
```

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

```
.border{ border-color:rgb(120, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(120, 153,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.937, 201.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 153, 154) }
```

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

```
.background{ background-color: rgb(120,  
153, 154) }
```

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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