

Converting Colors

CIELCh(61, 9.611, 162.582)

Have a look what the booklet for
CIELCh(61, 9.611, 162.582) contains.

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Color

CIELCh(61, 9.575, 162.594)

Conversions

Conversions Part 1

Format	Color
Hex	84988E
RGB	132, 152, 142
RGB Percent	52%, 60%, 56%
CMY	0.4829, 0.4045, 0.4437
CMYK	0.13, 0.00, 0.07, 0.40
HSL	150°, 9%, 56%
HSV	150°, 13%, 60%
XYZ	25.5663, 29.2481, 29.8291
YIQ	144.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

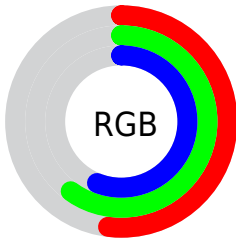
Format	Color
R_{YB}	132, 145, 152
Decimal	8689806
CIE _{Lab}	61.00, -9.14, 2.86
CIE _{LCh}	61, 9.575, 162.594
Yxy	29.2481, 0.3020, 0.3455
Android (android.graphics.Color)	4286879886 (0xFF84988E)
YUV	144.8800, -1.4198, -11.2958
Hunter-Lab	54.0815, -10.2594, 5.1552

Details

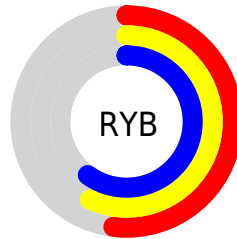
The CIELCh color $61, 9.575, 162.594$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 9.736, 344.707$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.340, 164.130$, and $41, 9.593, 163.557$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.807, 161.644$, and if you desaturate by 10%, it is $62, 2.299, 163.541$.

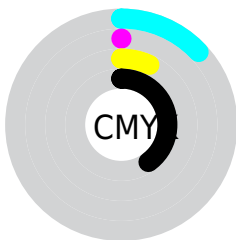
Distribution



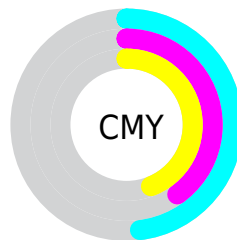
- Red (52%)
- Green (60%)
- Blue (56%)



- Red (52%)
- Yellow (57%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.575, 162.594 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, 9.575, 162.594 by changing the saturation by 10% instead.

■ 61, 9.575, 162.594

■ 61, 9.575, 162.594

■ 100, 9.575,
162.594

■ 51, 9.575, 162.594

■ 81, 9.575, 162.594

■ 41, 9.575, 162.594

■ 91, 9.575, 162.594

■ 31, 9.575, 162.594

■ 21, 9.575, 162.594

■ 11, 9.575, 162.594

■ 1, 9.575, 162.594

■ 0, 9.575, 162.594

■ 61, 9.575, 162.594

■ 61, 9.575, 162.594

■ 60, 16.807,

■ 62, 2.299, 163.541

161.644

64, 4.949, 344.095

59, 23.896,
160.599

65, 12.107,
344.836

58, 30.734,
159.427

67, 19.133,
345.494

57, 37.204,
158.105

69, 25.997,
346.100

56, 43.190,
156.610

71, 32.679,
346.664

56, 48.593,
154.923

73, 39.171,
347.193

55, 53.350,
153.032

75, 45.467,
347.692

55, 57.448,
150.945

75, 47.943,
344.022

55, 60.012,
149.524

Harmonies

Complementary

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



61, 9.575, 162.594



57, 9.736, 344.707

Rectangle

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



61, 9.575, 162.594



61, 9.575, 212.594



61, 9.575, 342.594



61, 9.575, 32.594

Sweetspot

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



61, 9.576, 162.591



79, 3.579, 163.436



62, 11.847, 127.910



42, 2.565, 163.362



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 9.576, 162.591



77, 14.340, 162.302



61, 7.464, 197.326



32, 4.134, 162.947



51, 56.429, 149.699



3, 4.500, 163.207

Inverse Universe

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



57, 9.736, 344.707



71, 14.632, 344.996



57, 8.081, 18.869



30, 4.185, 344.351



30, 54.422, 0.959



1, 4.448, 344.099

Previews

White Background



This preview shows how the CIELCh color 61, 9.575, 162.594 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 CIE LCh color 61, 9.575, 162.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

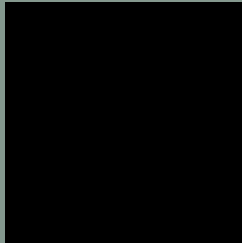
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

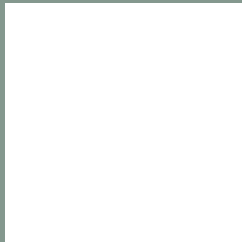
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.575, 162.594

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.575, 162.594.

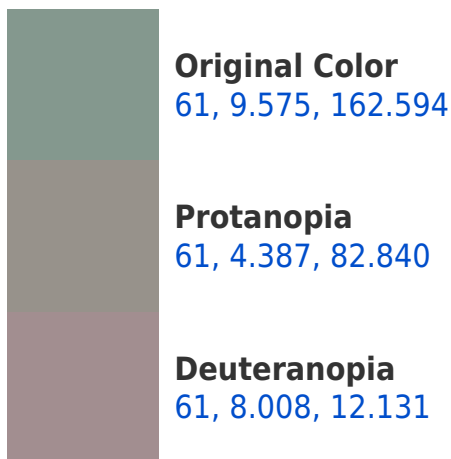


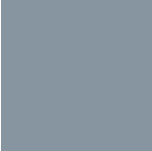
This preview shows how white text looks on a background with the CIELCh color 61, 9.575, 162.594.

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, 8.359, 253.276

Trichromacy



Original Color
61, 9.575, 162.594

Protanomaly
61, 4.769, 128.859

Deuteranomaly
61, 2.573, 60.219

Tritanomaly
61, 6.307, 219.938

Monochromacy



Original Color
61, 9.575, 162.594

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.204, 167.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.575, 162.594 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(132, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(132, 152, 142)  
}
```

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(132, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 152, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.575, 162.594 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(132, 152, 142) }
```

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

```
.border{ border-color:rgb(132, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(132, 152,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.575, 162.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 152, 142) }
```

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

```
.background{ background-color: rgb(132,  
152, 142) }
```

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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