

Converting Colors

CIELCh(61, 7.407, 198.771)

Have a look what the booklet for
CIELCh(61, 7.407, 198.771) contains.

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Color

CIELCh(61, 7.457, 198.770)

Conversions

Conversions Part 1

Format	Color
Hex	839797
RGB	131, 151, 151
RGB Percent	51%, 59%, 59%
CMY	0.4858, 0.4073, 0.4073
CMYK	0.13, 0.00, 0.00, 0.41
HSL	180°, 9%, 55%
HSV	180°, 13%, 59%
XYZ	26.0628, 29.2481, 33.6044
YIQ	145.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

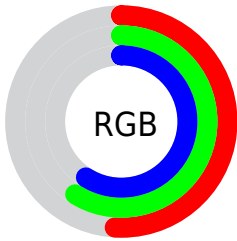
Format	Color
R_{YB}	131, 141, 151
Decimal	8624023
CIE Lab	61.00, -7.06, -2.40
CIE LCh	61, 7.457, 198.770
Yxy	29.2481, 0.2931, 0.3289
Android (android.graphics.Color)	4286814103 (0xFF839797)
YUV	145.0200, 2.9481, -12.2955
Hunter-Lab	54.0815, -8.6205, 1.0163

Details

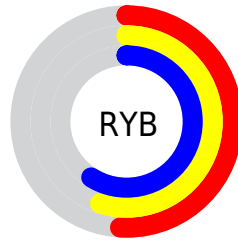
The CIELCh color $61, 7.457, 198.770$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 8.098, 20.200$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.452, 198.926$, and $41, 7.521, 198.510$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.706, 198.254$, and if you desaturate by 10%, it is $62, 1.868, 199.460$.

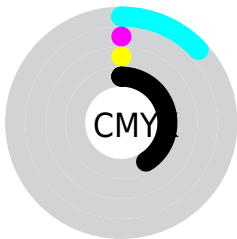
Distribution



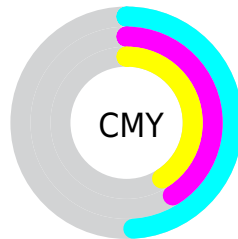
- Red (51%)
- Green (59%)
- Blue (59%)



- Red (51%)
- Yellow (55%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.457, 198.770 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, 7.457, 198.770 by changing the saturation by 10% instead.

■ 61, 7.457, 198.770

■ 61, 7.457, 198.770

■ 100, 7.457,
198.770

■ 51, 7.457, 198.770

■ 81, 7.457, 198.770

■ 41, 7.457, 198.770

■ 91, 7.457, 198.770

■ 31, 7.457, 198.770

■ 21, 7.457, 198.770

■ 11, 7.457, 198.770

■ 1, 7.457, 198.770

■ 0, 7.457, 198.770

■ 61, 7.457, 198.770

■ 61, 7.457, 198.770

■ 60, 12.706,

■ 62, 1.868, 199.460

198.254

63, 3.981, 19.660

59, 17.523,
197.810

65, 10.016, 20.304

58, 21.820,
197.423

66, 16.174, 20.916

58, 25.518,
197.096

68, 22.403, 21.529

57, 28.551,
196.831

71, 34.918, 22.760

57, 30.883,
196.630

73, 41.148, 23.370

57, 32.511,
196.490

73, 42.367, 23.488

57, 33.478,
196.407

56, 33.922,
196.369

Harmonies

Complementary

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



61, 7.457, 198.770



57, 8.098, 20.200

Rectangle

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



61, 7.457, 198.770



61, 7.457, 248.770



61, 7.457, 18.770



61, 7.457, 68.770

Sweetspot

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



61, 7.458, 198.760



79, 2.852, 199.366



60, 13.711, 143.249



42, 2.040, 199.300



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, 7.458, 198.760



77, 11.063, 198.597



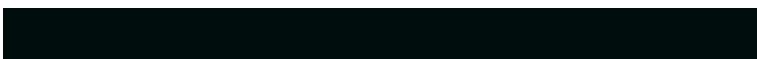
58, 6.630, 255.343



32, 3.249, 198.989



53, 32.122, 196.369



3, 3.595, 199.411

Inverse Universe

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



57, 8.098, 20.200



70, 12.260, 20.453



59, 6.870, 72.001



30, 3.439, 19.887



28, 66.109, 39.045



1, 3.595, 19.395

Previews

White Background



This preview shows how the CIELCh color 61, 7.457, 198.770 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, 7.457, 198.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

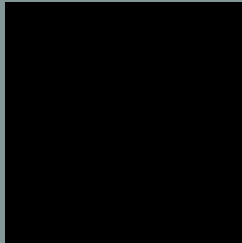
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

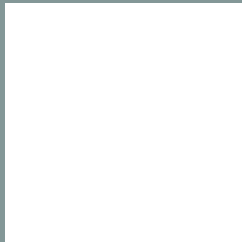
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 7.457, 198.770

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.457, 198.770.



This preview shows how white text looks on a background with the CIELCh color 61, 7.457, 198.770.

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, 8.623, 245.085

Trichromacy



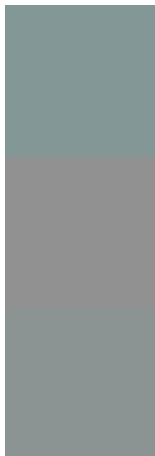
Original Color
61, 7.457, 198.770

Protanomaly
61, 1.984, 215.943

Deuteranomaly
61, 3.481, 303.242

Tritanomaly
61, 7.603, 230.265

Monochromacy



Original Color
61, 7.457, 198.770

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.678, 199.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.457, 198.770 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(131, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(131, 151, 151)  
}
```

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(131, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 151, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.457, 198.770 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(131, 151, 151) }
```

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

```
.border{ border-color:rgb(131, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(131, 151,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.457, 198.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 151, 151) }
```

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

```
.background{ background-color: rgb(131,  
151, 151) }
```

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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