

Converting Colors

CIELCh(61, 5.428, 37.828)

Have a look what the booklet for
CIELCh(61, 5.428, 37.828) contains.

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Color

CIELCh(61, 5.428, 37.828)

Conversions

Conversions Part 1

Format	Color
Hex	9D908D
RGB	157, 144, 141
RGB Percent	62%, 56%, 55%
CMY	0.3824, 0.4334, 0.4452
CMYK	0.00, 0.08, 0.10, 0.38
HSL	11°, 8%, 59%
HSV	11°, 10%, 62%
XYZ	28.8908, 29.2481, 29.5102
YIQ	147.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

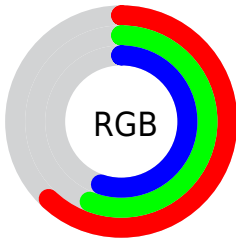
Format	Color
RYB	157, 145, 141
Decimal	10326157
CIELab	61.00, 4.29, 3.33
CIELCh	61, 5.428, 37.828
Yxy	29.2481, 0.3296, 0.3337
Android (android.graphics.Color)	4288516237 (0xFF9D908D)
YUV	147.5450, -3.2267, 8.2920
Hunter-Lab	54.0815, 0.7133, 5.5049

Details

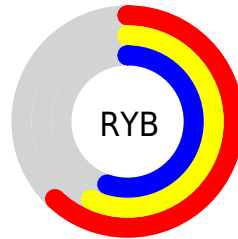
The CIELCh color $61, 5.428, 37.828$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.098, 218.375$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.448, 36.613$, and $41, 5.498, 39.189$ is the 20% darker color. If you saturate the color by 10%, you get $57, 11.213, 37.865$, and if you desaturate by 10%, it is $65, 0.084, 32.583$.

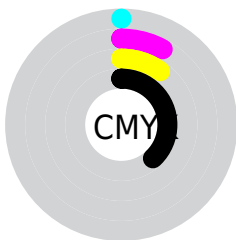
Distribution



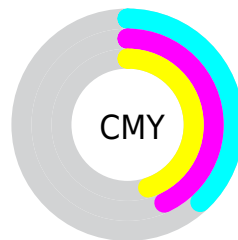
- Red (62%)
- Green (56%)
- Blue (55%)



- Red (62%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.428, 37.828 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, 5.428, 37.828 by changing the saturation by 10% instead.

■ 61, 5.428, 37.828 ■ 61, 5.428, 37.828

■ 100, 5.428, 37.828 ■ 51, 5.428, 37.828

■ 81, 5.428, 37.828 ■ 41, 5.428, 37.828

■ 91, 5.428, 37.828 ■ 31, 5.428, 37.828

■ 21, 5.428, 37.828

■ 11, 5.428, 37.828

■ 1, 5.428, 37.828

■ 0, 5.428, 37.828

■ 61, 5.428, 37.828 ■ 61, 5.428, 37.828

■ 57, 11.213, 37.865 ■ 65, 0.084, 32.583

54, 17.475, 37.983	69, 4.861, 218.353
50, 24.238, 38.262	73, 9.449, 218.563
47, 31.497, 38.743	77, 13.722, 218.841
43, 39.206, 39.458	
40, 47.239, 40.411	81, 17.718, 219.154
38, 55.321, 41.517	85, 21.470, 219.486
36, 62.841, 42.486	
34, 69.207, 43.343	88, 25.010, 219.829
	92, 27.634, 206.607
	94, 30.031, 197.568

Harmonies

Complementary

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



61, 5.428, 37.828



63, 5.098, 218.375

Rectangle

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



61, 5.428, 37.828



61, 5.428, 87.828



61, 5.428, 217.828



61, 5.428, 267.828

Sweetspot

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



61, 5.427, 37.848



81, 1.921, 37.725



61, 9.640, 330.536



42, 1.458, 37.773



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, 5.427, 37.848



76, 7.976, 37.848



63, 6.404, 91.181



31, 3.017, 37.847



31, 63.936, 43.263



2, 3.840, 36.953

Inverse Universe

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



63, 5.098, 218.375



79, 7.390, 218.422



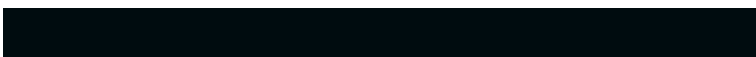
61, 6.413, 273.756



32, 2.851, 218.357



45, 28.355, 232.039



3, 3.755, 221.730

Previews

White Background



This preview shows how the CIELCh color 61, 5.428, 37.828 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, 5.428, 37.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

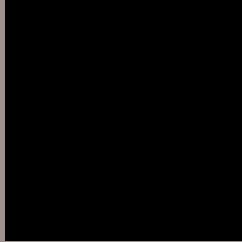
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 5.428, 37.828

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.428, 37.828.



This preview shows how white text looks on a background with the CIELCh color 61, 5.428, 37.828.

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, 5.428, 37.828

Protanopia

61, 2.723, 74.685

Deuteranopia

61, 8.375, 20.187



Tritanopia
61, 8.771, 335.444

Trichromacy



Original Color
61, 5.428, 37.828

Protanomaly
61, 3.545, 58.711

Deuteranomaly
61, 7.186, 24.506

Tritanomaly
61, 6.157, 352.867

Monochromacy



Original Color
61, 5.428, 37.828

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.649, 39.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.428, 37.828 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(157, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 141)  
}
```

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(157, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.428, 37.828 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(157, 144, 141) }
```

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

```
.border{ border-color:rgb(157, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 144,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.428, 37.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 141) }
```

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

```
.background{ background-color: rgb(157,  
144, 141) }
```

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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