

Converting Colors

CIELCh(61, 3.233, 137.449)

Have a look what the booklet for
CIELCh(61, 3.233, 137.449) contains.

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Color

CIELCh(61, 3.222, 138.718)

Conversions

Conversions Part 1

Format	Color
Hex	90948F
RGB	144, 148, 143
RGB Percent	56%, 58%, 56%
CMY	0.4339, 0.4182, 0.4378
CMYK	0.03, 0.00, 0.03, 0.42
HSL	108°, 2%, 57%
HSV	108°, 3%, 58%
XYZ	27.1955, 29.2481, 30.3408
YIQ	146.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

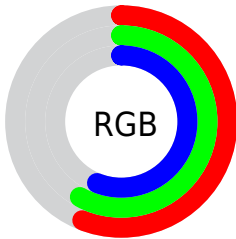
Format	Color
R_{YB}	143, 148, 147
Decimal	9475215
CIE _{Lab}	61.00, -2.42, 2.13
CIE _{LCh}	61, 3.222, 138.718
Yxy	29.2481, 0.3134, 0.3370
Android (android.graphics.Color)	4287665295 (0xFF90948F)
YUV	146.2340, -1.5944, -1.9592
Hunter-Lab	54.0815, -4.8820, 4.5942

Details

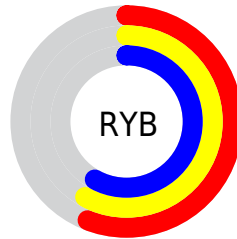
The CIELCh color $61, 3.222, 138.718$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 3.242, 318.908$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.038, 138.772$, and $41, 2.742, 137.173$ is the 20% darker color. If you saturate the color by 10%, you get $60, 12.870, 138.211$, and if you desaturate by 10%, it is $62, 6.309, 319.054$.

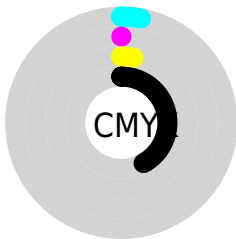
Distribution



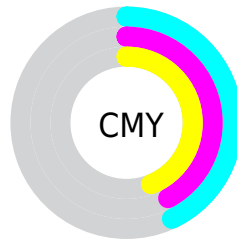
- Red (56%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 3.222, 138.718 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, 3.222, 138.718 by changing the saturation by 10% instead.

■ 61, 3.222, 138.718

■ 61, 3.222, 138.718

■ 100, 3.222,
138.718

■ 51, 3.222, 138.718

■ 81, 3.222, 138.718

■ 41, 3.222, 138.718

■ 91, 3.222, 138.718

■ 31, 3.222, 138.718

■ 21, 3.222, 138.718

■ 11, 3.222, 138.718

■ 1, 3.222, 138.718

■ 0, 3.222, 138.718

■ 61, 3.222, 138.718

■ 61, 3.222, 138.718

■ 60, 12.870,

■ 62, 6.309, 319.054

138.211

64, 15.674,
319.425

59, 22.553,
137.670

65, 24.836,
319.735

57, 32.167,
137.072

67, 33.774,
319.998

57, 41.567,
136.427

69, 42.475,
320.222

56, 50.558,
135.763

71, 50.937,
320.413

55, 58.877,
135.132

73, 59.159,
320.575

54, 66.189,
134.622

74, 64.014,
322.275

54, 72.100,
134.347

75, 65.483,
325.629

54, 76.257,
134.419

Harmonies

Complementary

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



61, 3.222, 138.718



60, 3.242, 318.908

Rectangle

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



61, 3.222, 138.718



61, 3.222, 188.718



61, 3.222, 318.718



61, 3.222, 8.718

Sweetspot

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



61, 3.224, 138.722



78, 1.180, 138.944



61, 2.271, 99.980



41, 0.669, 138.959



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 3.224, 138.722



78, 4.758, 138.681



61, 2.774, 154.162



31, 2.696, 138.653



50, 74.148, 134.420



2, 4.721, 138.816

Inverse Universe

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



60, 3.242, 318.908



76, 4.783, 318.947



60, 2.790, 334.410



30, 2.710, 318.974



27, 74.429, 320.874



1, 4.721, 318.812

Previews

White Background



This preview shows how the CIELCh color 61, 3.222, 138.718 looks on a white background.

Color Contrast Check

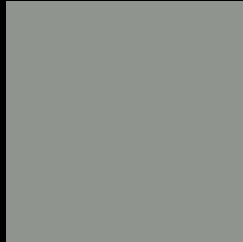
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.222, 138.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

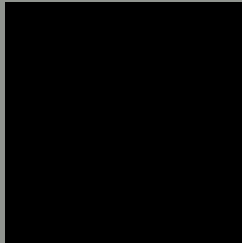
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

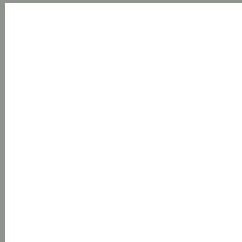
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 3.222, 138.718

Background



This preview shows how black text looks on a background with the CIELCh color 61, 3.222, 138.718.



This preview shows how white text looks on a background with the CIELCh color 61, 3.222, 138.718.

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, 3.222, 138.718

Protanopia

61, 2.971, 68.408

Deuteranopia

61, 8.088, 8.195



Tritanopia
61, 6.780, 294.107

Trichromacy



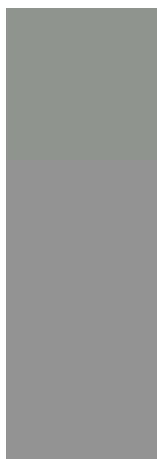
Original Color
61, 3.222, 138.718

Protanomaly
61, 2.902, 94.142

Deuteranomaly
61, 4.728, 19.778

Tritanomaly
61, 3.397, 284.152

Monochromacy



Original Color
61, 3.222, 138.718

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.680, 144.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 3.222, 138.718 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(144, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(144, 148, 143)  
}
```

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(144, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 148, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 3.222, 138.718 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(144, 148, 143) }
```

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

```
.border{ border-color:rgb(144, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(144, 148,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 3.222, 138.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 148, 143) }
```

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

```
.background{ background-color: rgb(144,  
148, 143) }
```

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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