

Converting Colors

CIELCh(61, 4.975, 111.060)

Have a look what the booklet for
CIELCh(61, 4.975, 111.060) contains.

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Color

CIELCh(61, 5.042, 109.602)

Conversions

Conversions Part 1

Format	Color
Hex	94948B
RGB	148, 148, 139
RGB Percent	58%, 58%, 55%
CMY	0.4204, 0.4204, 0.4557
CMYK	0.00, 0.00, 0.06, 0.42
HSL	60°, 4%, 56%
HSV	60°, 6%, 58%
XYZ	27.3766, 29.2481, 28.5489
YIQ	146.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

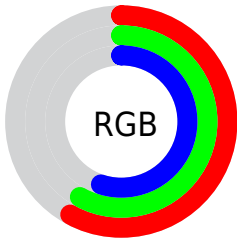
Format	Color
R_{YB}	139, 148, 139
Decimal	9737355
CIE _{Lab}	61.00, -1.69, 4.75
CIE _{LCh}	61, 5.042, 109.602
Yxy	29.2481, 0.3214, 0.3434
Android (android.graphics.Color)	4287927435 (0xFF94948B)
YUV	146.9740, -3.9312, 0.8998
Hunter-Lab	54.0815, -4.2843, 6.5587

Details

The CIELCh color `61, 5.042, 109.602` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `58, 5.122, 290.793`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 5.288, 109.694`, and `41, 4.834, 109.434` is the 20% darker color. If you saturate the color by 10%, you get `61, 13.306, 108.680`, and if you desaturate by 10%, it is `61, 3.254, 290.568`.

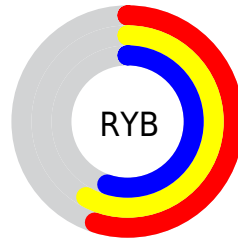
Distribution



Red (58%)

Green (58%)

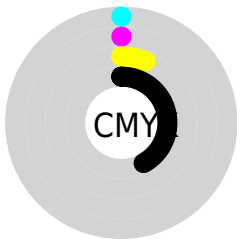
Blue (55%)



Red (55%)

Yellow (58%)

Blue (55%)

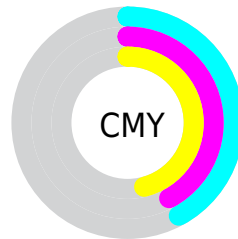


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.042, 109.602 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, 5.042, 109.602 by changing the saturation by 10% instead.

■ 61, 5.042, 109.602

■ 61, 5.042, 109.602

■ 100, 5.042,
109.602

■ 51, 5.042, 109.602

■ 81, 5.042, 109.602

■ 41, 5.042, 109.602

■ 91, 5.042, 109.602

■ 31, 5.042, 109.602

■ 21, 5.042, 109.602

■ 11, 5.042, 109.602

■ 1, 5.042, 109.602

■ 0, 5.042, 109.602

■ 61, 5.042, 109.602

■ 61, 5.042, 109.602

■ 61, 13.306,

■ 61, 3.254, 290.568

108.680

62, 11.555,
291.460

60, 21.485,
107.737

62, 19.838,
292.330

60, 29.508,
106.807

63, 28.087,
293.166

60, 37.264,
105.911

63, 36.290,
293.964

60, 44.582,
105.072

64, 44.438,
294.720

60, 51.213,
104.324

65, 52.523,
295.435

59, 56.822,
103.703

65, 59.444,
296.018

59, 61.035,
103.245

65, 59.444,
296.020

59, 63.653,
102.966

Harmonies

Complementary

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



61, 5.042, 109.602



58, 5.122, 290.793

Rectangle

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



61, 5.042, 109.602



61, 5.042, 159.602



61, 5.042, 289.602



61, 5.042, 339.602

Sweetspot

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



61, 5.043, 109.615



77, 2.039, 109.972



59, 3.559, 19.645



41, 1.168, 109.982



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, 5.043, 109.615



77, 7.154, 109.518



61, 5.369, 128.828



31, 3.745, 109.497



56, 61.289, 102.873



3, 4.113, 110.190

Inverse Universe

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



58, 5.122, 290.793



73, 7.278, 290.900



58, 5.423, 309.312



29, 3.811, 290.923



15, 84.627, 306.289



0, 4.113, 290.191

Previews

White Background



This preview shows how the CIELCh color 61, 5.042, 109.602 looks on a white background.

Color Contrast Check

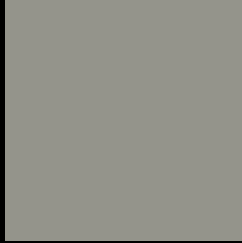
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.042, 109.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

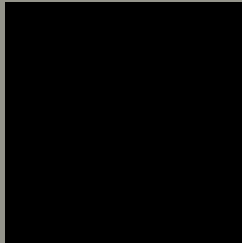
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

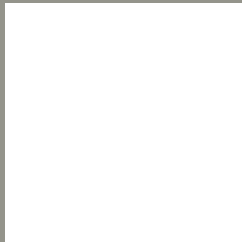
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.042, 109.602

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.042, 109.602.



This preview shows how white text looks on a background with the CIELCh color 61, 5.042, 109.602.

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, 5.042, 109.602

Protanopia

61, 5.411, 88.012

Deuteranopia

61, 8.900, 27.423



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 5.042, 109.602

Protanomaly
61, 5.175, 96.288

Deuteranomaly
61, 6.014, 41.691

Tritanomaly
61, 2.550, 317.343

Monochromacy



Original Color
61, 5.042, 109.602

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.679, 109.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.042, 109.602 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(148, 148, 139)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 139)  
}
```

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(148, 148, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.042, 109.602 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(148, 148, 139) }
```

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

```
.border{ border-color:rgb(148, 148, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 139);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.042, 109.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 139) }
```

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

```
.background{ background-color: rgb(148,  
148, 139) }
```

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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