

Converting Colors

CIELCh(61, 1.713, 53.678)

Have a look what the booklet for
CIELCh(61, 1.713, 53.678) contains.

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Color

CIELCh(61, 1.609, 63.344)

Conversions

Conversions Part 1

Format	Color
Hex	969391
RGB	150, 147, 145
RGB Percent	59%, 58%, 57%
CMY	0.4131, 0.4248, 0.4327
CMYK	0.00, 0.02, 0.03, 0.41
HSL	24°, 2%, 58%
HSV	24°, 3%, 59%
XYZ	27.9813, 29.2481, 30.8226
YIQ	147.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

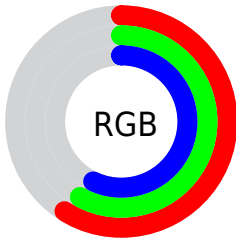
Format	Color
R_{YB}	150, 148, 145
Decimal	9868177
CIE _{Lab}	61.00, 0.72, 1.44
CIE _{LCh}	61, 1.609, 63.344
Yxy	29.2481, 0.3178, 0.3322
Android (android.graphics.Color)	4288058257 (0xFF969391)
YUV	147.6690, -1.3158, 2.0443
Hunter-Lab	54.0815, -2.2886, 4.0661

Details

The CIELCh color **61, 1.609, 63.344** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 1.598, 244.523**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 1.515, 63.352**, and **41, 1.463, 74.814** is the 20% darker color. If you saturate the color by 10%, you get **58, 6.636, 62.588**, and if you desaturate by 10%, it is **64, 3.135, 244.738**.

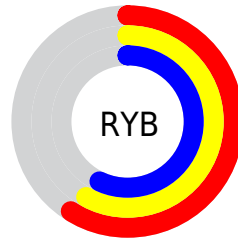
Distribution



Red (59%)

Green (58%)

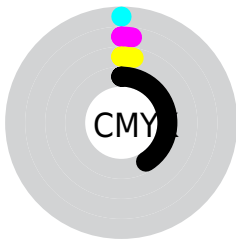
Blue (57%)



Red (59%)

Yellow (58%)

Blue (57%)

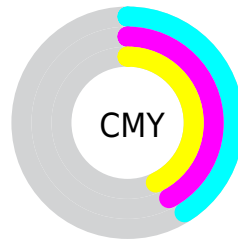


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 1.609, 63.344 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, 1.609, 63.344 by changing the saturation by 10% instead.

■ 61, 1.609, 63.344

■ 61, 1.609, 63.344

■ 100, 1.609, 63.344

■ 51, 1.609, 63.344

■ 81, 1.609, 63.344

■ 41, 1.609, 63.344

■ 91, 1.609, 63.344

■ 31, 1.609, 63.344

■ 21, 1.609, 63.344

■ 11, 1.609, 63.344

■ 1, 1.609, 63.344

■ 0, 1.609, 63.344

■ 61, 1.609, 63.344

■ 61, 1.609, 63.344

■ 58, 6.636, 62.588

■ 64, 3.135, 244.738

■ 55, 11.976, 61.637

■ 67, 7.626, 245.656

■ 53, 17.657, 60.698

■ 70, 11.895,
246.609

■ 50, 23.693, 59.792

■ 73, 15.967,
247.550

■ 47, 30.078, 58.924

■ 45, 36.760, 58.082

■ 76, 19.866,
248.468

■ 43, 43.593, 57.213

■ 78, 23.614,
249.357

■ 40, 50.248, 56.182

■ 38, 56.080, 54.695

■ 81, 27.228,
250.215

■ 84, 27.558,
243.169

■ 86, 26.950,
230.840

Harmonies

Complementary

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



61, 1.609, 63.344



61, 1.598, 244.523

Rectangle

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



61, 1.609, 63.344



61, 1.609, 113.344



61, 1.609, 243.344



61, 1.609, 293.344

Sweetspot

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



61, 1.609, 63.409



78, 0.587, 63.124



61, 2.588, 338.758



41, 0.333, 63.080



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, 1.609, 63.409



77, 2.386, 63.376



62, 2.518, 105.436



31, 1.354, 63.346



34, 56.159, 54.125



1, 2.348, 63.955

Inverse Universe

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



61, 1.598, 244.523



77, 2.359, 244.562



60, 2.547, 286.181



31, 1.335, 244.597



34, 36.603, 271.100



1, 2.348, 243.971

Previews

White Background



This preview shows how the CIELCh color 61, 1.609, 63.344 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, 1.609, 63.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

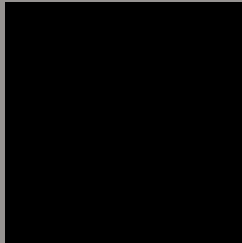
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

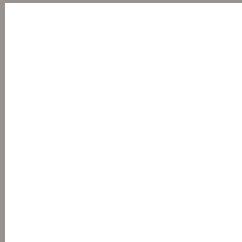
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 1.609, 63.344

Background



This preview shows how black text looks on a background with the CIELCh color 61, 1.609, 63.344.



This preview shows how white text looks on a background with the CIELCh color 61, 1.609, 63.344.

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, 1.609, 63.344

Protanopia

61, 1.652, 39.145

Deuteranopia

61, 8.206, 4.356



Tritanopia
61, 6.636, 310.918

Trichromacy



Original Color
61, 1.609, 63.344

Protanomaly
61, 1.652, 39.145

Deuteranomaly
61, 5.620, 8.393

Tritanomaly
61, 3.909, 319.927

Monochromacy



Original Color
61, 1.609, 63.344

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.673, 74.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 1.609, 63.344 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(150, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(150, 147, 145)  
}
```

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(150, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 1.609, 63.344 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(150, 147, 145) }
```

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

```
.border{ border-color:rgb(150, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(150, 147,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 1.609, 63.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 147, 145) }
```

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

```
.background{ background-color: rgb(150,  
147, 145) }
```

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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