

Converting Colors

CIELCh(61, 4.460, 19.926)

Have a look what the booklet for
CIELCh(61, 4.460, 19.926) contains.

CIELCh(61, 4.323, 19.726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 4.323, 19.726)

Conversions

Conversions Part 1

Format	Color
Hex	9C9191
RGB	156, 145, 145
RGB Percent	61%, 57%, 57%
CMY	0.3893, 0.4324, 0.4324
CMYK	0.00, 0.07, 0.07, 0.39
HSL	0°, 5%, 59%
HSV	0°, 7%, 61%
XYZ	28.8346, 29.2481, 30.8077
YIQ	148.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

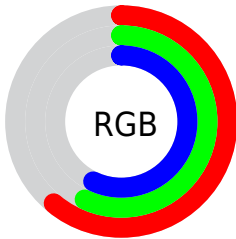
Format	Color
R_{YB}	156, 145, 145
Decimal	10260881
CIE Lab	61.00, 4.07, 1.46
CIE LCh	61, 4.323, 19.726
Yxy	29.2481, 0.3244, 0.3290
Android (android.graphics.Color)	4288450961 (0xFF9C9191)
YUV	148.2890, -1.6215, 6.7625
Hunter-Lab	54.0815, 0.5279, 4.0824

Details

The CIELCh color **61, 4.323, 19.726** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 4.139, 199.157**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 4.438, 19.624**, and **41, 4.255, 19.892** is the 20% darker color. If you saturate the color by 10%, you get **56, 10.853, 20.547**, and if you desaturate by 10%, it is **66, 1.730, 199.541**.

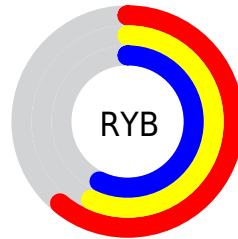
Distribution



Red (61%)

Green (57%)

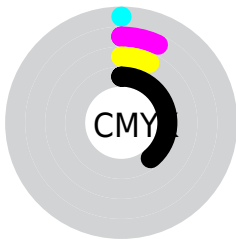
Blue (57%)



Red (61%)

Yellow (57%)

Blue (57%)

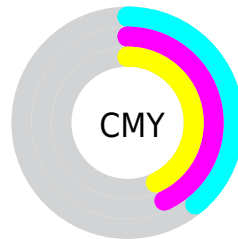


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.323, 19.726 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, 4.323, 19.726 by changing the saturation by 10% instead.

■ 61, 4.323, 19.726 ■ 61, 4.323, 19.726

■ 100, 4.323, 19.726 ■ 51, 4.323, 19.726

■ 81, 4.323, 19.726 ■ 41, 4.323, 19.726

■ 91, 4.323, 19.726 ■ 31, 4.323, 19.726

■ 21, 4.323, 19.726

■ 11, 4.323, 19.726

■ 1, 4.323, 19.726

■ 0, 4.323, 19.726

■ 61, 4.323, 19.726 ■ 61, 4.323, 19.726

■ 56, 10.853, 20.547 ■ 66, 1.730, 199.541

52, 17.880, 21.514

70, 7.335, 198.882

48, 25.380, 22.756

75, 12.536,
198.492

44, 33.281, 24.368

80, 17.378,
198.188

40, 41.441, 26.455

37, 49.640, 29.105

84, 21.903,
197.943

35, 57.578, 32.316

89, 26.150,
197.743

33, 64.775, 35.818

32, 70.405, 38.845

94, 30.155,
197.577

94, 30.474,
197.541

Harmonies

Complementary

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



61, 4.323, 19.726



63, 4.139, 199.157

Rectangle

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



61, 4.323, 19.726



61, 4.323, 69.726



61, 4.323, 199.726



61, 4.323, 249.726

Sweetspot

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



61, 4.322, 19.746



80, 1.482, 19.171



61, 7.520, 324.791



43, 0.849, 19.140



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, 4.322, 19.746



77, 6.065, 19.833



62, 3.739, 74.501



31, 3.534, 19.919



29, 67.089, 39.165



1, 4.472, 19.424

Inverse Universe

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



63, 4.139, 199.157



80, 5.769, 199.086



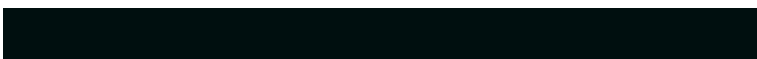
62, 3.685, 256.379



33, 3.338, 199.017



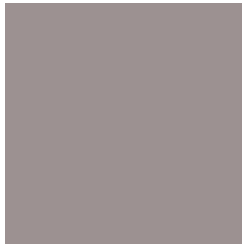
54, 32.533, 196.422



3, 4.471, 199.447

Previews

White Background



This preview shows how the CIELCh color 61, 4.323, 19.726 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, 4.323, 19.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

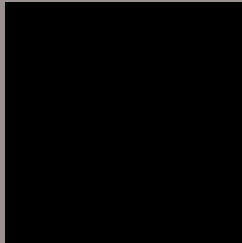
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 4.323, 19.726

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.323, 19.726.

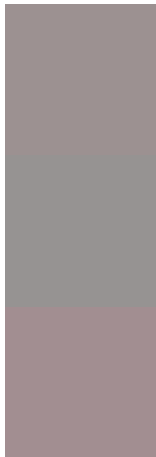


This preview shows how white text looks on a background with the CIELCh color 61, 4.323, 19.726.

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, 4.323, 19.726

Protanopia

61, 1.287, 44.973

Deuteranopia

61, 8.088, 8.195



Tritanopia
61, 8.245, 331.549

Trichromacy



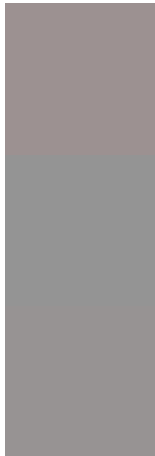
Original Color
61, 4.323, 19.726

Protanomaly
61, 2.341, 19.445

Deuteranomaly
61, 6.806, 10.560

Tritanomaly
61, 6.421, 342.233

Monochromacy



Original Color
61, 4.323, 19.726

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.555, 19.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.323, 19.726 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(156, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 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(156, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.323, 19.726 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(156, 145, 145) }
```

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

```
.border{ border-color:rgb(156, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.323, 19.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 145) }
```

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

```
.background{ background-color: rgb(156,  
145, 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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