

Converting Colors

CIELCh(61, 6.342, 58.548)

Have a look what the booklet for
CIELCh(61, 6.342, 58.548) contains.

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Color

CIELCh(61, 6.199, 58.897)

Conversions

Conversions Part 1

Format	Color
Hex	9D918A
RGB	157, 145, 138
RGB Percent	62%, 57%, 54%
CMY	0.3844, 0.4314, 0.4589
CMYK	0.00, 0.08, 0.12, 0.38
HSL	22°, 9%, 58%
HSV	22°, 12%, 62%
XYZ	28.6119, 29.2481, 28.1772
YIQ	147.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

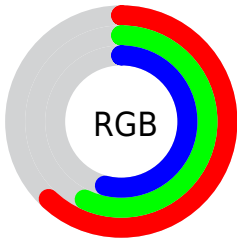
Format	Color
R_{YB}	157, 149, 138
Decimal	10326410
CIE Lab	61.00, 3.20, 5.31
CIE LCh	61, 6.199, 58.897
Yxy	29.2481, 0.3326, 0.3399
Android (android.graphics.Color)	4288516490 (0xFF9D918A)
YUV	147.7900, -4.8265, 8.0772
Hunter-Lab	54.0815, -0.2070, 6.9662

Details

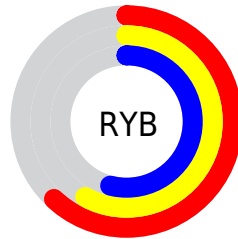
The CIELCh color $61, 6.199, 58.897$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.874, 241.359$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.451, 60.558$, and $41, 6.411, 60.941$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.705, 58.078$, and if you desaturate by 10%, it is $64, 1.040, 59.498$.

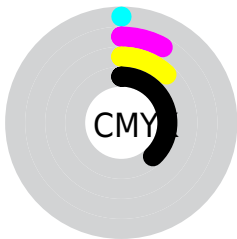
Distribution



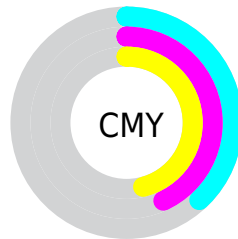
- Red (62%)
- Green (57%)
- Blue (54%)



- Red (62%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.199, 58.897 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, 6.199, 58.897 by changing the saturation by 10% instead.

■ 61, 6.199, 58.897

■ 61, 6.199, 58.897

■ 100, 6.199, 58.897

■ 51, 6.199, 58.897

■ 81, 6.199, 58.897

■ 41, 6.199, 58.897

■ 91, 6.199, 58.897

■ 31, 6.199, 58.897

■ 21, 6.199, 58.897

■ 11, 6.199, 58.897

■ 1, 6.199, 58.897

■ 0, 6.199, 58.897

■ 61, 6.199, 58.897

■ 61, 6.199, 58.897

■ 58, 11.705, 58.078

■ 64, 1.040, 59.498

55, 17.588, 57.263	67, 3.808, 240.881
52, 23.871, 56.497	70, 8.380, 241.733
49, 30.554, 55.791	73, 12.707, 242.618
47, 37.594, 55.138	
44, 44.858, 54.495	77, 16.819, 243.496
42, 52.032, 53.734	80, 20.743, 244.356
40, 58.471, 52.568	
38, 63.101, 51.624	83, 24.501, 245.194
	86, 25.530, 237.796
	89, 25.588, 223.323

Harmonies

Complementary

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



61, 6.199, 58.897



61, 5.874, 241.359

Rectangle

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



61, 6.199, 58.897



61, 6.199, 108.897



61, 6.199, 238.897



61, 6.199, 288.897

Sweetspot

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



61, 6.199, 58.916



81, 2.468, 59.503



59, 10.063, 337.955



42, 1.755, 59.468



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, 6.199, 58.916



76, 9.611, 58.649



64, 9.197, 102.849



32, 2.886, 59.148



35, 58.713, 51.937



2, 3.668, 57.707

Inverse Universe

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



61, 5.874, 241.359



77, 8.963, 241.723



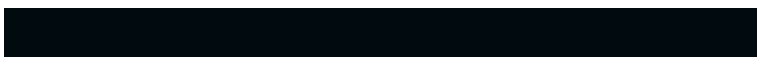
59, 9.374, 285.512



32, 2.773, 241.060



37, 35.431, 266.613



2, 3.715, 244.042

Previews

White Background



This preview shows how the CIELCh color 61, 6.199, 58.897 looks on a white background.

Color Contrast Check

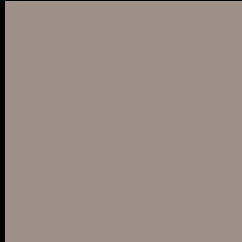
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.199, 58.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

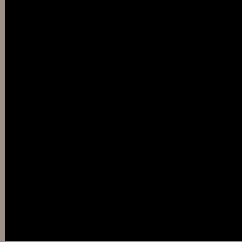
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

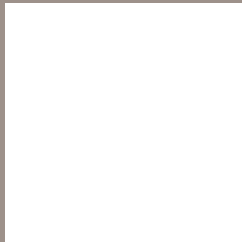
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.199, 58.897

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.199, 58.897.



This preview shows how white text looks on a background with the CIELCh color 61, 6.199, 58.897.

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, 6.199, 58.897

Protanopia

61, 4.891, 85.708

Deuteranopia

61, 9.417, 30.489



Tritanopia
61, 8.771, 335.444

Trichromacy



Original Color
61, 6.199, 58.897

Protanomaly
61, 5.042, 70.548

Deuteranomaly
61, 7.954, 36.379

Tritanomaly
61, 5.930, 357.713

Monochromacy



Original Color
61, 6.199, 58.897

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.285, 66.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.199, 58.897 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, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 145, 138)  
}
```

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, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 145, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.199, 58.897 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, 145, 138) }
```

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

```
.border{ border-color:rgb(157, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 145,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.199, 58.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 145, 138) }
```

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

```
.background{ background-color: rgb(157,  
145, 138) }
```

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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