

Converting Colors

CIELCh(61, 4.173, 25.860)

Have a look what the booklet for
CIELCh(61, 4.173, 25.860) contains.

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Color

CIELCh(61, 3.971, 27.781)

Conversions

Conversions Part 1

Format	Color
Hex	9B9190
RGB	155, 145, 144
RGB Percent	61%, 57%, 56%
CMY	0.3920, 0.4312, 0.4352
CMYK	0.00, 0.06, 0.07, 0.39
HSL	5°, 5%, 59%
HSV	5°, 7%, 61%
XYZ	28.6917, 29.2481, 30.5328
YIQ	147.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

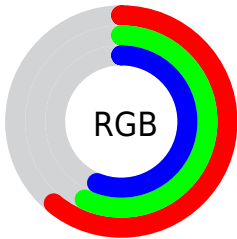
Format	Color
RYB	155, 145, 144
Decimal	10195344
CIELab	61.00, 3.51, 1.85
CIELCh	61, 3.971, 27.781
Yxy	29.2481, 0.3243, 0.3306
Android (android.graphics.Color)	4288385424 (0xFF9B9190)
YUV	147.8760, -1.9109, 6.2477
Hunter-Lab	54.0815, 0.0562, 4.3838

Details

The CIELCh color $61, 3.971, 27.781$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.798, 207.691$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.731, 27.690$, and $41, 3.882, 28.753$ is the 20% darker color. If you saturate the color by 10%, you get $57, 9.959, 28.261$, and if you desaturate by 10%, it is $65, 1.563, 207.958$.

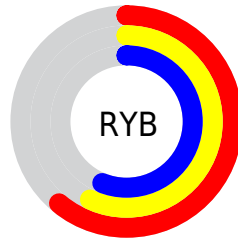
Distribution



Red (61%)

Green (57%)

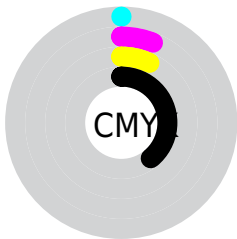
Blue (56%)



Red (61%)

Yellow (57%)

Blue (56%)

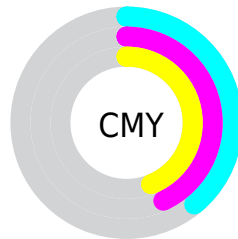


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 3.971, 27.781 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, 3.971, 27.781 by changing the saturation by 10% instead.

■ 61, 3.971, 27.781 ■ 61, 3.971, 27.781

■ 100, 3.971, 27.781 ■ 51, 3.971, 27.781

■ 81, 3.971, 27.781 ■ 41, 3.971, 27.781

■ 91, 3.971, 27.781 ■ 31, 3.971, 27.781

■ 21, 3.971, 27.781

■ 11, 3.971, 27.781

■ 1, 3.971, 27.781

■ 0, 3.971, 27.781

■ 61, 3.971, 27.781 ■ 61, 3.971, 27.781

■ 57, 9.959, 28.261 ■ 65, 1.563, 207.958

53, 16.435, 28.833

69, 6.679, 207.569

49, 23.407, 29.615

74, 11.422,
207.451

45, 30.853, 30.673

78, 15.834,
207.404

42, 38.700, 32.073

39, 46.805, 33.864

82, 19.955,
207.403

36, 54.915, 36.022

87, 23.821,
207.434

34, 62.540, 38.323

33, 68.804, 40.301

91, 27.463,
207.489

94, 30.649,
197.531

Harmonies

Complementary

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



61, 3.971, 27.781



63, 3.798, 207.691

Rectangle

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



61, 3.971, 27.781



61, 3.971, 77.781



61, 3.971, 207.781



61, 3.971, 257.781

Sweetspot

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



61, 3.970, 27.805



80, 1.358, 27.365



61, 7.111, 327.135



43, 0.778, 27.335



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, 3.970, 27.805



76, 6.286, 27.901



62, 3.996, 82.937



30, 3.155, 27.903



29, 64.867, 40.634



1, 3.300, 27.568

Inverse Universe

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



63, 3.798, 207.691



79, 5.933, 207.627



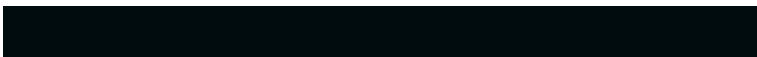
61, 3.973, 264.843



32, 2.977, 207.626



49, 28.859, 212.038



3, 3.268, 208.725

Previews

White Background



This preview shows how the CIELCh color 61, 3.971, 27.781 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, 3.971, 27.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

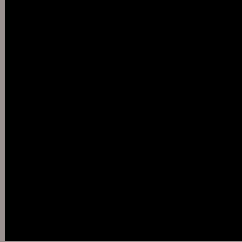
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

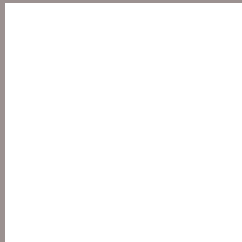
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 3.971, 27.781

Background



This preview shows how black text looks on a background with the CIELCh color 61, 3.971, 27.781.



This preview shows how white text looks on a background with the CIELCh color 61, 3.971, 27.781.

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, 3.971, 27.781

Protanopia

61, 1.609, 63.344

Deuteranopia

61, 8.088, 8.195



Tritanopia
61, 8.672, 329.101

Trichromacy



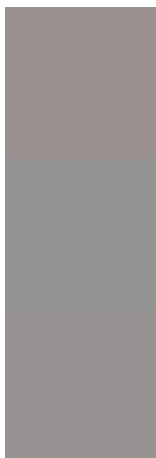
Original Color
61, 3.971, 27.781

Protanomaly
61, 2.407, 32.913

Deuteranomaly
61, 6.412, 9.922

Tritanomaly
61, 6.118, 339.943

Monochromacy



Original Color
61, 3.971, 27.781

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, 3.971, 27.781 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(155, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 144)  
}
```

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(155, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 3.971, 27.781 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(155, 145, 144) }
```

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

```
.border{ border-color:rgb(155, 145, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 3.971, 27.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 144) }
```

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

```
.background{ background-color: rgb(155,  
145, 144) }
```

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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