

Converting Colors

CIELCh(61, 2.839, 35.356)

Have a look what the booklet for
CIELCh(61, 2.839, 35.356) contains.

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Color

CIELCh(61, 2.959, 41.761)

Conversions

Conversions Part 1

Format	Color
Hex	999290
RGB	153, 146, 144
RGB Percent	60%, 57%, 56%
CMY	0.4009, 0.4283, 0.4361
CMYK	0.00, 0.05, 0.06, 0.40
HSL	13°, 4%, 58%
HSV	13°, 6%, 60%
XYZ	28.3578, 29.2481, 30.4490
YIQ	147.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

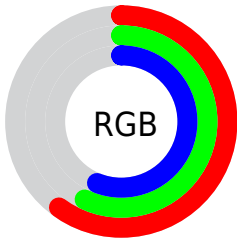
Format	Color
R _Y B	153, 147, 144
Decimal	10064528
CIE Lab	61.00, 2.21, 1.97
CIE LCh	61, 2.959, 41.761
Yxy	29.2481, 0.3220, 0.3322
Android (android.graphics.Color)	4288254608 (0xFF999290)
YUV	147.8650, -1.9054, 4.5034
Hunter-Lab	54.0815, -1.0458, 4.4757

Details

The CIELCh color $61, 2.959, 41.761$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 2.861, 222.483$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 2.781, 41.753$, and $41, 2.814, 44.987$ is the 20% darker color. If you saturate the color by 10%, you get $57, 8.306, 41.650$, and if you desaturate by 10%, it is $65, 1.991, 222.482$.

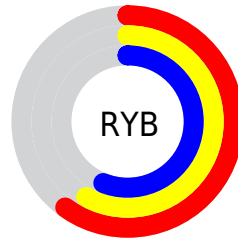
Distribution



Red (60%)

Green (57%)

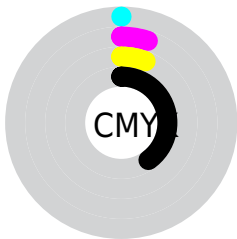
Blue (56%)



Red (60%)

Yellow (58%)

Blue (56%)

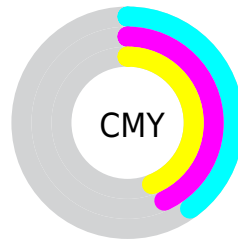


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 2.959, 41.761 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, 2.959, 41.761 by changing the saturation by 10% instead.

61, 2.959, 41.761

61, 2.959, 41.761

100, 2.959, 41.761

51, 2.959, 41.761

81, 2.959, 41.761

41, 2.959, 41.761

91, 2.959, 41.761

31, 2.959, 41.761

21, 2.959, 41.761

11, 2.959, 41.761

1, 2.959, 41.761

0, 2.959, 41.761

61, 2.959, 41.761

61, 2.959, 41.761

57, 8.306, 41.650

65, 1.991, 222.482

54, 14.089, 41.530

68, 6.585, 222.699

50, 20.339, 41.527

72, 10.863,
223.081

47, 27.072, 41.679

76, 14.862,
223.503

44, 34.269, 42.017

41, 41.861, 42.551

79, 18.617,
223.945

39, 49.666, 43.239

83, 22.158,
224.396

36, 57.276, 43.904

34, 63.917, 44.195

87, 25.511,
224.849

90, 27.491,
213.490

93, 30.470,
199.804

Harmonies

Complementary

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



61, 2.959, 41.761



62, 2.861, 222.483

Rectangle

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



61, 2.959, 41.761



61, 2.959, 91.761



61, 2.959, 221.761



61, 2.959, 271.761

Sweetspot

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



61, 2.958, 41.796



79, 1.226, 41.623



61, 5.305, 331.429



42, 0.695, 41.598



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 2.958, 41.796



77, 4.382, 41.788



62, 3.728, 94.186



31, 2.287, 41.786



31, 62.128, 44.518



1, 3.018, 41.673

Inverse Universe

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



62, 2.861, 222.483



78, 4.204, 222.507



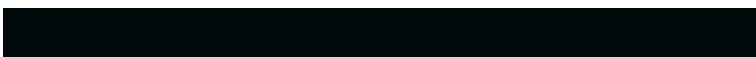
61, 3.747, 275.672



32, 2.192, 222.513



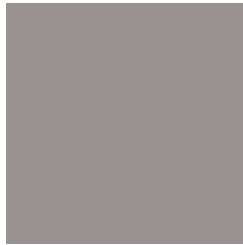
43, 28.463, 239.396



2, 2.997, 223.689

Previews

White Background



This preview shows how the CIELCh color 61, 2.959, 41.761 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, 2.959, 41.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

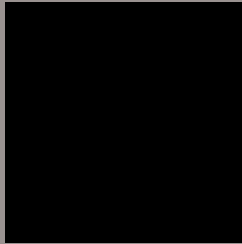
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

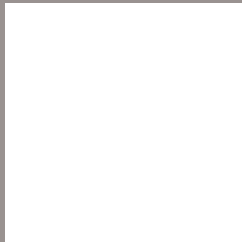
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 2.959, 41.761

Background



This preview shows how black text looks on a background with the CIELCh color 61, 2.959, 41.761.



This preview shows how white text looks on a background with the CIELCh color 61, 2.959, 41.761.

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

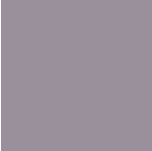
61, 2.959, 41.761

Protanopia

61, 2.038, 74.803

Deuteranopia

61, 8.008, 12.131



Tritanopia
61, 7.320, 322.282

Trichromacy



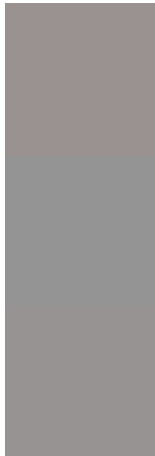
Original Color
61, 2.959, 41.761

Protanomaly
61, 2.285, 66.671

Deuteranomaly
61, 6.351, 14.914

Tritanomaly
61, 4.873, 336.005

Monochromacy



Original Color
61, 2.959, 41.761

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.287, 44.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 2.959, 41.761 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(153, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 146, 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(153, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 146, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 2.959, 41.761 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(153, 146, 144) }
```

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

```
.border{ border-color:rgb(153, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 146,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 2.959, 41.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 146, 144) }
```

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

```
.background{ background-color: rgb(153,  
146, 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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