

Converting Colors

CIELCh(60, 2.830, 50.523)

Have a look what the booklet for
CIELCh(60, 2.830, 50.523) contains.

CIELCh(60, 2.971, 41.761)	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(60, 2.971, 41.761)

Conversions

Conversions Part 1

Format	Color
Hex	968F8D
RGB	150, 143, 141
RGB Percent	59%, 56%, 55%
CMY	0.4111, 0.4385, 0.4464
CMYK	0.00, 0.05, 0.06, 0.41
HSL	13°, 4%, 57%
HSV	13°, 6%, 59%
XYZ	27.2766, 28.1233, 29.2551
YIQ	144.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

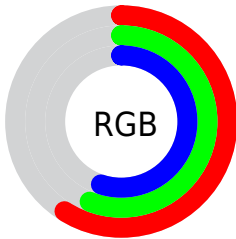
Format	Color
R_{YB}	150, 144, 141
Decimal	9867149
CIE Lab	60.00, 2.22, 1.98
CIE LCh	60, 2.971, 41.761
Yxy	28.1233, 0.3222, 0.3322
Android (android.graphics.Color)	4288057229 (0xFF968F8D)
YUV	144.8650, -1.9054, 4.5034
Hunter-Lab	53.0314, -0.9941, 4.4143

Details

The CIELCh color $60, 2.971, 41.761$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 2.871, 222.484$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 2.790, 41.754$, and $40, 2.831, 44.982$ is the 20% darker color. If you saturate the color by 10%, you get $56, 8.247, 41.649$, and if you desaturate by 10%, it is $64, 1.914, 222.484$.

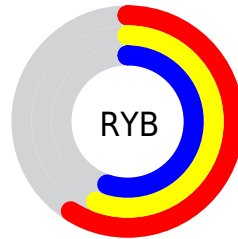
Distribution



Red (59%)

Green (56%)

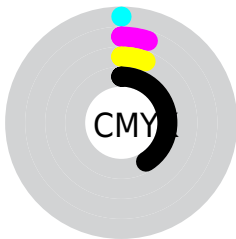
Blue (55%)



Red (59%)

Yellow (56%)

Blue (55%)

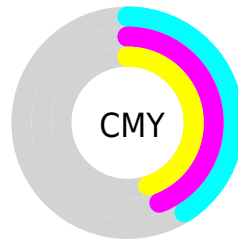


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 2.971, 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 60, 2.971, 41.761 by changing the saturation by 10% instead.

■ 60, 2.971, 41.761 ■ 60, 2.971, 41.761

■ 100, 2.971, 41.761 ■ 50, 2.971, 41.761

■ 80, 2.971, 41.761 ■ 40, 2.971, 41.761

■ 90, 2.971, 41.761 ■ 30, 2.971, 41.761

■ 20, 2.971, 41.761

■ 10, 2.971, 41.761

■ 0, 2.971, 41.761

■ 60, 2.971, 41.761 ■ 60, 2.971, 41.761

■ 56, 8.247, 41.649 ■ 64, 1.914, 222.484

■ 53, 13.952, 41.529 ■ 67, 6.448, 222.694

50, 20.118, 41.527

71, 10.670,
223.075

46, 26.759, 41.680

75, 14.617,
223.496

43, 33.857, 42.018

40, 41.343, 42.552

78, 18.323,
223.937

38, 49.039, 43.238

82, 21.818,
224.387

36, 56.543, 43.902

34, 63.116, 44.215

85, 25.127,
224.840

89, 27.447,
218.518

92, 29.824,
204.378

Harmonies

Complementary

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



60, 2.971, 41.761



61, 2.871, 222.484

Rectangle

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



60, 2.971, 41.761



60, 2.971, 91.761



60, 2.971, 221.761



60, 2.971, 271.761

Sweetspot

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



60, 2.970, 41.796



78, 1.213, 41.623



60, 5.325, 331.436



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.



60, 2.970, 41.796



76, 4.336, 41.788



61, 3.742, 94.175



30, 2.224, 41.786



30, 61.191, 44.493



1, 2.370, 42.115

Inverse Universe

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



61, 2.871, 222.484



77, 4.160, 222.507



60, 3.761, 275.683



30, 2.131, 222.512



42, 28.079, 239.317



2, 2.370, 222.134

Previews

White Background



This preview shows how the CIELCh color 60, 2.971, 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 60, 2.971, 41.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

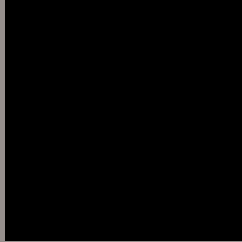
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

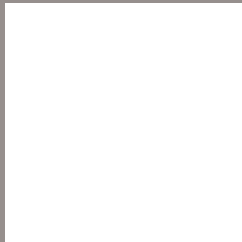
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 2.971, 41.761

Background



This preview shows how black text looks on a background with the CIELCh color 60, 2.971, 41.761.



This preview shows how white text looks on a background with the CIELCh color 60, 2.971, 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


60, 2.971, 41.761

Protanopia

60, 1.919, 55.182

Deuteranopia

60, 7.630, 11.672



Tritanopia
60, 8.027, 322.534

Trichromacy



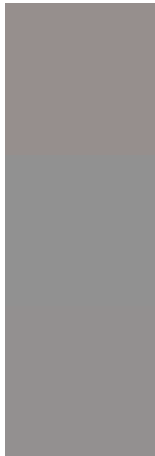
Original Color
60, 2.971, 41.761

Protanomaly
60, 2.252, 49.335

Deuteranomaly
60, 5.967, 14.536

Tritanomaly
60, 5.297, 331.635

Monochromacy



Original Color
60, 2.971, 41.761

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.170, 19.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 2.971, 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(150, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(150, 143, 141)  
}
```

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, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 143, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 2.971, 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(150, 143, 141) }
```

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

```
.border{ border-color:rgb(150, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(150, 143,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 2.971, 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(150, 143, 141) }
```

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

```
.background{ background-color: rgb(150,  
143, 141) }
```

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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