

Converting Colors

CIELCh(41, 1.750, 296.676)

Have a look what the booklet for
CIELCh(41, 1.750, 296.676) contains.

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Color

CIELCh(41, 1.878, 303.181)

Conversions

Conversions Part 1

Format	Color
Hex	616063
RGB	97, 96, 99
RGB Percent	38%, 38%, 39%
CMY	0.6187, 0.6227, 0.6109
CMYK	0.02, 0.03, 0.00, 0.61
HSL	260°, 2%, 38%
HSV	260°, 3%, 39%
XYZ	11.4190, 11.8645, 13.5483
YIQ	96.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

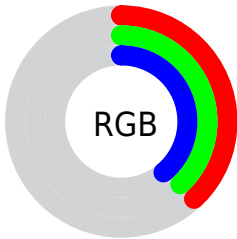
Format	Color
RYB	97, 96, 99
Decimal	6381667
CIELab	41.00, 1.03, -1.57
CIELCh	41, 1.878, 303.181
Yxy	11.8645, 0.3100, 0.3221
Android (android.graphics.Color)	4284571747 (0xFF616063)
YUV	96.6410, 1.1630, 0.3148
Hunter-Lab	34.4449, -1.1033, 0.7908

Details

The CIELCh color **41, 1.878, 303.181** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 1.857, 122.904**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 2.396, 309.141**, and **21, 2.089, 303.296** is the 20% darker color. If you saturate the color by 10%, you get **38, 8.198, 303.725**, and if you desaturate by 10%, it is **44, 4.241, 122.714**.

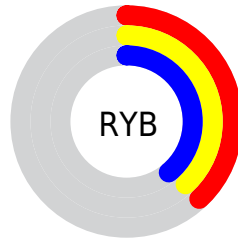
Distribution



Red (38%)

Green (38%)

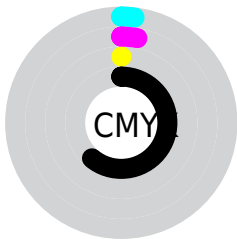
Blue (39%)



Red (38%)

Yellow (38%)

Blue (39%)

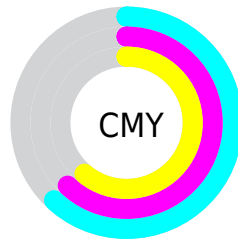


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (61%)



Cyan (62%)

Magenta (62%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 1.878, 303.181 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 41, 1.878, 303.181 by changing the saturation by 10% instead.

■ 41, 1.878, 303.181

■ 41, 1.878, 303.181

100, 1.878,
303.181

■ 31, 1.878, 303.181

■ 61, 1.878, 303.181

■ 21, 1.878, 303.181

■ 71, 1.878, 303.181

■ 11, 1.878, 303.181

■ 81, 1.878, 303.181

■ 1, 1.878, 303.181

■ 91, 1.878, 303.181

■ 0, 1.878, 303.181

■ 41, 1.878, 303.181

■ 41, 1.878, 303.181

■ 38, 8.198, 303.725

■ 44, 4.241, 122.714

■ 34, 14.725,
304.337

■ 48, 10.161,
122.288

■ 31, 21.449,
305.014

■ 51, 15.894,
121.918

■ 27, 28.342,
305.750

■ 55, 21.448,
121.596

■ 24, 35.344,
306.527

■ 58, 26.833,
121.316

■ 20, 42.330,
307.311

■ 62, 32.060,
121.075

■ 17, 49.077,
308.039

■ 65, 37.137,
120.866

■ 15, 55.217,
308.614

■ 68, 42.075,
120.687

■ 12, 60.355,
308.950

■ 72, 46.880,
120.533

Harmonies

Complementary

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



41, 1.878, 303.181



42, 1.857, 122.904

Rectangle

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



41, 1.878, 303.181



41, 1.878, 353.181



41, 1.878, 123.181



41, 1.878, 173.181

Sweetspot

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



41, 1.877, 303.167



54, 0.777, 303.029



42, 1.017, 234.132



28, 0.446, 303.019



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



41, 1.877, 303.167



53, 3.104, 303.228



41, 2.099, 319.372



19, 1.709, 303.245



13, 70.087, 309.225



34, 123.438, 308.623

Inverse Universe

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



41, 1.755, 335.726



53, 2.902, 335.830



42, 2.086, 139.243



19, 1.597, 335.855



24, 49.813, 346.266



53, 86.057, 347.815

Previews

White Background



This preview shows how the CIELCh color 41, 1.878, 303.181 looks on a white 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

Black Background



This preview shows how the CIE LCh color 41, 1.878, 303.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

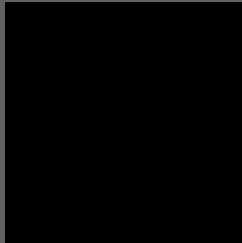
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

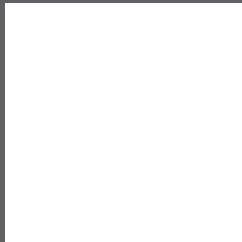
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 1.878, 303.181

Background



This preview shows how black text looks on a background with the CIELCh color 41, 1.878, 303.181.



This preview shows how white text looks on a background with the CIELCh color 41, 1.878, 303.181.

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


41, 1.878, 303.181

Protanopia

41, 2.014, 314.734

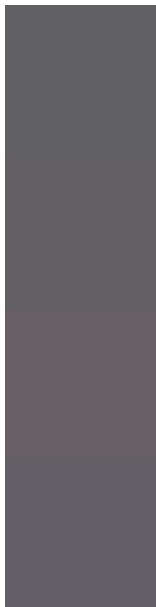
Deuteranopia

41, 5.881, 342.028



Tritanopia
41, 4.341, 301.638

Trichromacy



Original Color

41, 1.878, 303.181

Protanomaly

41, 2.014, 314.734

Deuteranomaly

41, 4.226, 334.097

Tritanomaly

41, 3.748, 303.340

Monochromacy



Original Color

41, 1.878, 303.181

Achromatopsia

41, 0.006, 296.813

Achromatomaly

41, 0.611, 290.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 1.878, 303.181 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(97, 96, 99)` looks like.

```
.text, #text, p{  
    color:rgb(97, 96, 99)  
}
```

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(97, 96, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 96, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 1.878, 303.181 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(97, 96, 99) }
```

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

```
.border{ border-color:rgb(97, 96, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 96, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 96, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 96, 99);  
box-shadow:4px 4px 4px 4px rgb(97, 96, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 1.878, 303.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 96, 99) }
```

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

```
.background{ background-color: rgb(97, 96,  
99) }
```

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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