

Converting Colors

CIELCh(41, 7.799, 339.853)

Have a look what the booklet for
CIELCh(41, 7.799, 339.853) contains.

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Color

CIELCh(41, 7.613, 340.934)

Conversions

Conversions Part 1

Format	Color
Hex	6B5D65
RGB	107, 93, 101
RGB Percent	42%, 36%, 40%
CMY	0.5808, 0.6357, 0.6044
CMYK	0.00, 0.13, 0.06, 0.58
HSL	326°, 7%, 39%
HSV	326°, 13%, 42%
XYZ	12.2970, 11.8645, 13.9242
YIQ	98.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

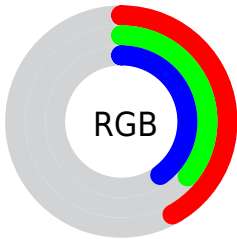
Format	Color
R_{YB}	107, 93, 101
Decimal	7036261
CIE Lab	41.00, 7.20, -2.49
CIE LCh	41, 7.613, 340.934
Yxy	11.8645, 0.3229, 0.3115
Android (android.graphics.Color)	4285226341 (0xFF6B5D65)
YUV	98.0980, 1.4307, 7.8071
Hunter-Lab	34.4449, 3.4465, 0.1438

Details

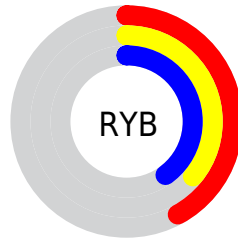
The CIELCh color $41, 7.613, 340.934$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 7.525, 159.041$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 7.733, 339.294$, and $21, 7.671, 343.188$ is the 20% darker color. If you saturate the color by 10%, you get $38, 13.522, 341.768$, and if you desaturate by 10%, it is $44, 1.783, 340.083$.

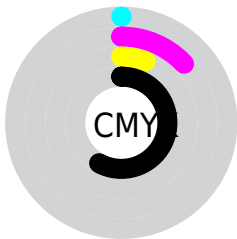
Distribution



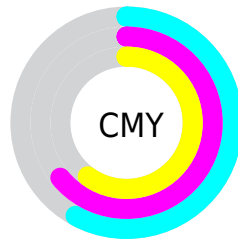
- Red (42%)
- Green (36%)
- Blue (40%)



- Red (42%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.613, 340.934 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, 7.613, 340.934 by changing the saturation by 10% instead.

■ 41, 7.613, 340.934

■ 41, 7.613, 340.934

■ 100, 7.613,
340.934

■ 31, 7.613, 340.934

■ 61, 7.613, 340.934

■ 21, 7.613, 340.934

■ 71, 7.613, 340.934

■ 11, 7.613, 340.934

■ 81, 7.613, 340.934

■ 1, 7.613, 340.934

■ 91, 7.613, 340.934

■ 0, 7.613, 340.934

■ 41, 7.613, 340.934

■ 41, 7.613, 340.934

■ 38, 13.522,
341.768

■ 44, 1.783, 340.083

■ 35, 19.433,

■ 47, 3.914, 159.586

342.672

51, 9.452, 158.906

32, 25.216,
343.677

54, 14.818,
158.297

29, 30.695,
344.814

57, 20.013,
157.732

27, 35.637,
346.132

61, 25.040,
157.204

25, 39.777,
347.695

64, 29.907,
156.711

24, 42.858,
349.593

67, 34.624,
156.248

22, 44.759,
351.916

71, 39.202,
155.813

22, 45.937,
353.560

Harmonies

Complementary

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



41, 7.613, 340.934



44, 7.525, 159.041

Rectangle

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



41, 7.613, 340.934



41, 7.613, 30.934



41, 7.613, 160.934



41, 7.613, 210.934

Sweetspot

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



41, 7.612, 340.937



56, 2.839, 340.190



40, 8.881, 306.719



28, 2.004, 340.246



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 7.612, 340.937



51, 11.483, 341.208



41, 6.032, 13.481



21, 3.259, 340.605



24, 48.989, 353.930



53, 83.523, 356.083

Inverse Universe

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



41, 7.612, 340.937



51, 11.483, 341.208



44, 5.645, 191.656



21, 3.259, 340.605



24, 48.989, 353.930



53, 83.523, 356.083

Previews

White Background



This preview shows how the CIELCh color 41, 7.613, 340.934 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, 7.613, 340.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

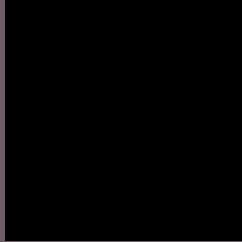
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 7.613, 340.934

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.613, 340.934.



This preview shows how white text looks on a background with the CIELCh color 41, 7.613, 340.934.

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, 7.613, 340.934

Protanopia

41, 4.279, 296.276

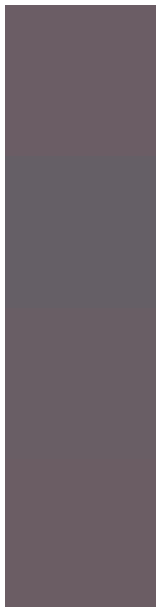
Deuteranopia

41, 5.967, 334.867



Tritanopia
41, 7.254, 344.661

Trichromacy



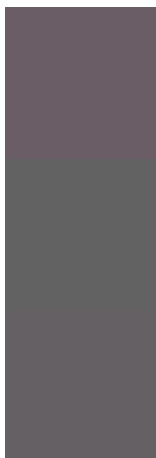
Original Color
41, 7.613, 340.934

Protanomaly
41, 4.943, 320.761

Deuteranomaly
41, 6.267, 337.661

Tritanomaly
41, 7.254, 344.661

Monochromacy



Original Color
41, 7.613, 340.934

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 2.782, 338.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.613, 340.934 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(107, 93, 101)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 101)  
}
```

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(107, 93, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.613, 340.934 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(107, 93, 101) }
```

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

```
.border{ border-color:rgb(107, 93, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 93, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 93, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 93, 101);  
box-shadow:4px 4px 4px 4px rgb(107, 93,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.613, 340.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 93, 101) }
```

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

```
.background{ background-color: rgb(107, 93,  
101) }
```

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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