

Converting Colors

CIELCh(41, 7.868, 322.433)

Have a look what the booklet for
CIELCh(41, 7.868, 322.433) contains.

CIELCh(41, 7.868, 322.433)	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(41, 7.868, 322.433)

Conversions

Conversions Part 1

Format	Color
Hex	685E69
RGB	104, 94, 105
RGB Percent	41%, 37%, 41%
CMY	0.5938, 0.6329, 0.5898
CMYK	0.01, 0.11, 0.00, 0.59
HSL	295°, 6%, 39%
HSV	295°, 11%, 41%
XYZ	12.1576, 11.8645, 14.9040
YIQ	98.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

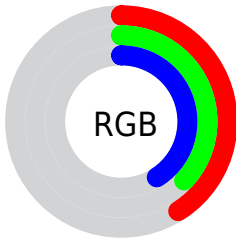
Format	Color
R_{YB}	104, 94, 105
Decimal	6839913
CIE Lab	41.00, 6.24, -4.80
CIE LCh	41, 7.868, 322.433
Yxy	11.8645, 0.3123, 0.3048
Android (android.graphics.Color)	4285029993 (0xFF685E69)
YUV	98.2440, 3.3307, 5.0480
Hunter-Lab	34.4449, 2.7244, -1.5428

Details

The CIELCh color **41, 7.868, 322.433** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 7.842, 141.469**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 7.998, 322.527**, and **21, 7.913, 322.421** is the 20% darker color. If you saturate the color by 10%, you get **38, 15.433, 322.904**, and if you desaturate by 10%, it is **44, 0.382, 321.606**.

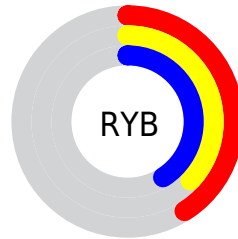
Distribution



Red (41%)

Green (37%)

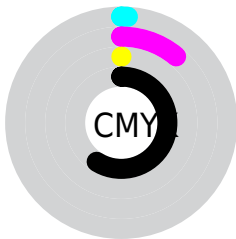
Blue (41%)



Red (41%)

Yellow (37%)

Blue (41%)

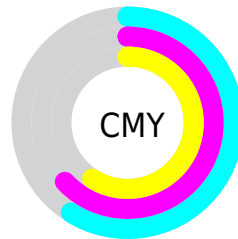


Cyan (1%)

Magenta (11%)

Yellow (0%)

Black (59%)



Cyan (59%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 7.868, 322.433 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, 7.868, 322.433 by changing the saturation by 10% instead.

■ 41, 7.868, 322.433

■ 41, 7.868, 322.433

■ 100, 7.868,
322.433

■ 31, 7.868, 322.433

■ 61, 7.868, 322.433

■ 21, 7.868, 322.433

■ 71, 7.868, 322.433

■ 11, 7.868, 322.433

■ 81, 7.868, 322.433

■ 1, 7.868, 322.433

■ 91, 7.868, 322.433

■ 0, 7.868, 322.433

■ 41, 7.868, 322.433

■ 41, 7.868, 322.433

■ 38, 15.433,
322.904

■ 44, 0.382, 321.606

■ 35, 22.991,

■ 47, 6.963, 141.565

323.362

50, 14.135,
141.122

32, 30.410,
323.795

54, 21.114,
140.708

30, 37.511,
324.187

57, 27.894,
140.318

27, 44.062,
324.518

60, 34.474,
139.954

25, 49.794,
324.763

63, 40.859,
139.614

24, 54.431,
324.901

66, 47.057,
139.299

23, 57.755,
324.911

70, 53.075,
139.008

22, 60.351,
324.876

Harmonies

Complementary

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



41, 7.868, 322.433



43, 7.842, 141.469

Rectangle

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



41, 7.868, 322.433



41, 7.868, 12.433



41, 7.868, 142.433



41, 7.868, 192.433

Sweetspot

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



41, 7.867, 322.433



55, 2.760, 322.045



40, 6.031, 286.912



28, 2.109, 322.088



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, 7.867, 322.433



51, 12.034, 322.569



41, 6.107, 339.342



21, 4.285, 322.359



25, 65.477, 324.833



54, 112.724, 324.637

Inverse Universe

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



41, 4.721, 12.630



51, 7.273, 12.894



43, 6.055, 157.910



21, 2.562, 12.491



23, 54.635, 33.887



51, 97.528, 37.033

Previews

White Background



This preview shows how the CIELCh color 41, 7.868, 322.433 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, 7.868, 322.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

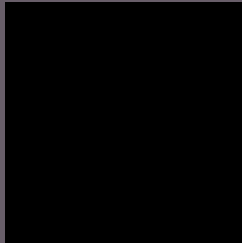
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 7.868, 322.433

Background



This preview shows how black text looks on a background with the CIELCh color 41, 7.868, 322.433.

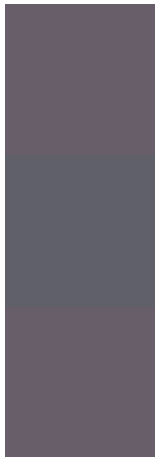


This preview shows how white text looks on a background with the CIELCh color 41, 7.868, 322.433.

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, 7.868, 322.433

Protanopia

41, 6.074, 291.094

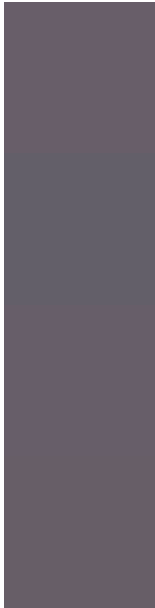
Deuteranopia

41, 7.663, 319.776



Tritanopia
41, 6.148, 328.058

Trichromacy



Original Color

41, 7.868, 322.433

Protanomaly

41, 6.314, 305.944

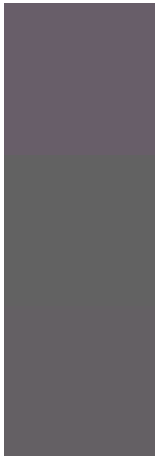
Deuteranomaly

41, 7.663, 319.776

Tritanomaly

41, 6.635, 324.866

Monochromacy



Original Color

41, 7.868, 322.433

Achromatopsia

42, 0.006, 296.813

Achromatomaly

41, 2.957, 324.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 7.868, 322.433 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(104, 94, 105)` looks like.

```
.text, #text, p{  
    color:rgb(104, 94, 105)  
}
```

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(104, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 94, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 7.868, 322.433 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(104, 94, 105) }
```

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

```
.border{ border-color:rgb(104, 94, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 94, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(104, 94,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 7.868, 322.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 94, 105) }
```

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

```
.background{ background-color: rgb(104, 94,  
105) }
```

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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