

Converting Colors

CIELCh(41, 9.418, 323.260)

Have a look what the booklet for
CIELCh(41, 9.418, 323.260) contains.

CIELCh(41, 9.333, 322.918)	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, 9.333, 322.918)

Conversions

Conversions Part 1

Format	Color
Hex	695D6A
RGB	105, 93, 106
RGB Percent	41%, 36%, 42%
CMY	0.5884, 0.6354, 0.5844
CMYK	0.01, 0.12, 0.00, 0.58
HSL	295°, 7%, 39%
HSV	295°, 12%, 42%
XYZ	12.3335, 11.8645, 15.2671
YIQ	98.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

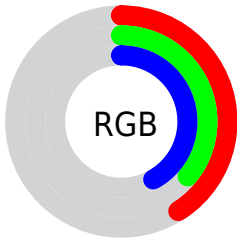
Format	Color
R_{YB}	105, 93, 106
Decimal	6905194
CIE Lab	41.00, 7.45, -5.63
CIE LCh	41, 9.333, 322.918
Yxy	11.8645, 0.3125, 0.3006
Android (android.graphics.Color)	4285095274 (0xFF695D6A)
YUV	98.0700, 3.9095, 6.0776
Hunter-Lab	34.4449, 3.6359, -2.1679

Details

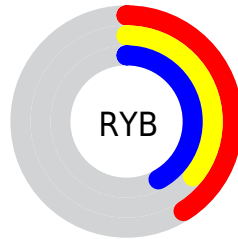
The CIELCh color $41, 9.333, 322.918$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $43, 9.304, 141.751$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 9.362, 322.927$, and $21, 9.527, 323.037$ is the 20% darker color. If you saturate the color by 10%, you get $38, 17.013, 323.395$, and if you desaturate by 10%, it is $44, 1.715, 322.377$.

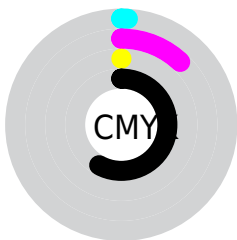
Distribution



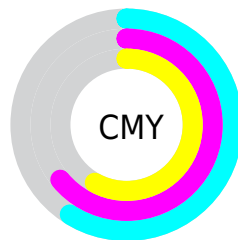
- Red (41%)
- Green (36%)
- Blue (42%)



- Red (41%)
- Yellow (36%)
- Blue (42%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 9.333, 322.918 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, 9.333, 322.918 by changing the saturation by 10% instead.

■ 41, 9.333, 322.918

■ 41, 9.333, 322.918

■ 100, 9.333,
322.918

■ 31, 9.333, 322.918

■ 61, 9.333, 322.918

■ 21, 9.333, 322.918

■ 71, 9.333, 322.918

■ 11, 9.333, 322.918

■ 81, 9.333, 322.918

■ 1, 9.333, 322.918

■ 91, 9.333, 322.918

■ 0, 9.333, 322.918

■ 41, 9.333, 322.918

■ 41, 9.333, 322.918

■ 38, 17.013,
323.395

■ 44, 1.715, 322.377

■ 35, 24.660,

■ 47, 5.771, 142.032

323.856

50, 13.086,
141.573

32, 32.127,
324.291

54, 20.207,
141.145

30, 39.219,
324.681

57, 27.126,
140.742

28, 45.692,
325.007

60, 33.840,
140.364

26, 51.269,
325.247

63, 40.353,
140.011

24, 55.681,
325.379

67, 46.673,
139.682

23, 58.760,
325.392

70, 52.807,
139.378

22, 60.843,
325.380

Harmonies

Complementary

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



41, 9.333, 322.918



43, 9.304, 141.751

Rectangle

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



41, 9.333, 322.918



41, 9.333, 12.918



41, 9.333, 142.918



41, 9.333, 192.918

Sweetspot

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



41, 9.332, 322.918



56, 3.754, 322.503



40, 7.267, 287.890



28, 2.649, 322.536



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, 9.332, 322.918



52, 14.174, 323.069



41, 7.133, 340.282



21, 4.304, 322.757



25, 65.402, 325.348



55, 112.583, 325.182

Inverse Universe

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



41, 5.592, 13.916



51, 8.565, 14.207



44, 7.061, 158.543



21, 2.557, 13.619



23, 54.979, 34.480



51, 98.250, 37.624

Previews

White Background



This preview shows how the CIELCh color 41, 9.333, 322.918 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, 9.333, 322.918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

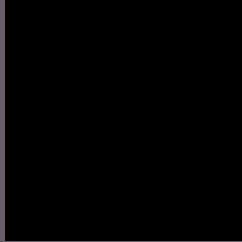
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 9.333, 322.918

Background



This preview shows how black text looks on a background with the CIELCh color 41, 9.333, 322.918.



This preview shows how white text looks on a background with the CIELCh color 41, 9.333, 322.918.

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, 9.333, 322.918

Protanopia

41, 7.292, 288.158

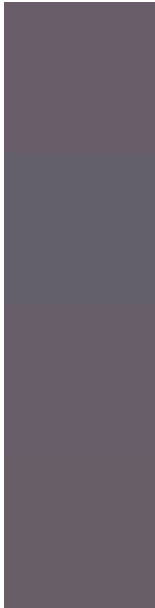
Deuteranopia

41, 8.021, 315.099



Tritanopia
41, 5.967, 334.867

Trichromacy



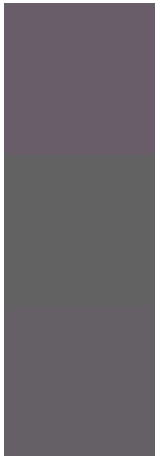
Original Color
41, 9.333, 322.918

Protanomaly
41, 7.493, 303.641

Deuteranomaly
41, 8.196, 317.735

Tritanomaly
41, 6.876, 327.767

Monochromacy



Original Color
41, 9.333, 322.918

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 3.692, 324.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 9.333, 322.918 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(105, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(105, 93, 106)  
}
```

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(105, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 93, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 9.333, 322.918 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(105, 93, 106) }
```

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

```
.border{ border-color:rgb(105, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 93, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 93, 106);  
box-shadow:4px 4px 4px 4px rgb(105, 93,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 9.333, 322.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 93, 106) }
```

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

```
.background{ background-color: rgb(105, 93,  
106) }
```

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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