

Converting Colors

CIELCh(41, 12.440, 325.215)

Have a look what the booklet for
CIELCh(41, 12.440, 325.215)
contains.

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Color

CIELCh(41, 12.470, 325.242)

Conversions

Conversions Part 1

Format	Color
Hex	6C5B6C
RGB	108, 91, 108
RGB Percent	42%, 36%, 42%
CMY	0.5747, 0.6414, 0.5747
CMYK	0.00, 0.16, 0.00, 0.57
HSL	300°, 9%, 39%
HSV	300°, 16%, 43%
XYZ	12.7472, 11.8645, 15.9297
YIQ	98.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

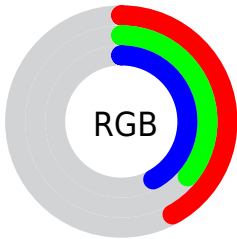
Format	Color
R_{YB}	108, 91, 108
Decimal	7101292
CIE _{Lab}	41.00, 10.24, -7.11
CIE _{LCh}	41, 12.470, 325.242
Yxy	11.8645, 0.3144, 0.2927
Android (android.graphics.Color)	4285291372 (0xFF6C5B6C)
YUV	98.0210, 4.9196, 8.7516
Hunter-Lab	34.4449, 5.7798, -3.3084

Details

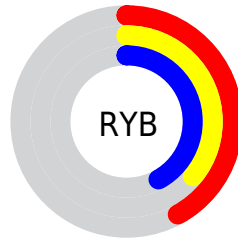
The CIELCh color $41, 12.470, 325.242$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44, 12.456, 143.546$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 12.508, 326.518$, and $21, 12.729, 323.900$ is the 20% darker color. If you saturate the color by 10%, you get $38, 20.447, 325.760$, and if you desaturate by 10%, it is $44, 4.498, 324.701$.

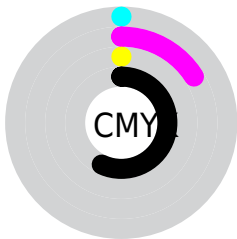
Distribution



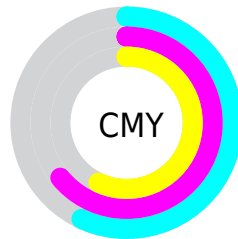
- Red (42%)
- Green (36%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (57%)





- Cyan (57%)
- Magenta (64%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 12.470, 325.242 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, 12.470, 325.242 by changing the saturation by 10% instead.


 41, 12.470,
325.242


 41, 12.470,
325.242


 100, 12.470,
325.242


 31, 12.470,
325.242

 61, 12.470,
325.242


 21, 12.470,
325.242

 71, 12.470,
325.242


 11, 12.470,
325.242


 81, 12.470,
325.242

 1, 12.470, 325.242

 91, 12.470,
325.242

 0, 12.470, 325.242

 41, 12.470,

 41, 12.470,

325.242

38, 20.447,
325.760

35, 28.297,
326.259

33, 35.837,
326.728

30, 42.835,
327.153

28, 49.021,
327.520

27, 54.124,
327.816

26, 57.927,
328.032

25, 60.509,
328.177

325.242

44, 4.498, 324.701

47, 3.372, 144.275

50, 11.081,
143.740

54, 18.594,
143.250

57, 25.891,
142.785

60, 32.966,
142.344

63, 39.820,
141.929

67, 46.459,
141.538

■ 25, 61.573,
328.237

■ 70, 52.892,
141.174

Harmonies

Complementary

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



41, 12.470, 325.242



44, 12.456, 143.546

Rectangle

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



41, 12.470, 325.242



41, 12.470, 15.242



41, 12.470, 145.242



41, 12.470, 195.242

Sweetspot

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



41, 12.469, 325.242



56, 4.882, 324.669



39, 10.412, 291.777



29, 3.358, 324.700



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 12.469, 325.242



51, 18.670, 325.442



41, 8.818, 344.892



21, 4.407, 324.884



27, 65.109, 328.237



58, 112.039, 328.237

Inverse Universe

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



41, 12.469, 325.242



51, 18.670, 325.442



44, 8.654, 162.410



21, 4.407, 324.884



27, 65.109, 328.237



58, 112.039, 328.237

Previews

White Background



This preview shows how the CIELCh color 41, 12.470, 325.242 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 CIELCh color 41, 12.470, 325.242 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, 12.470, 325.242

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.470, 325.242.



This preview shows how white text looks on a background with the CIELCh color 41, 12.470, 325.242.

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, 12.470, 325.242

Protanopia

41, 9.126, 286.635

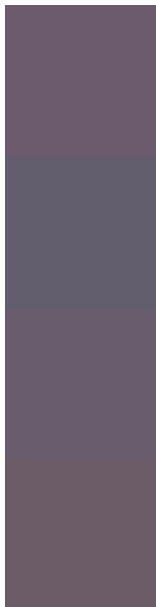
Deuteranopia

41, 9.003, 309.614



Tritanopia
41, 7.254, 344.661

Trichromacy



Original Color
41, 12.470, 325.242

Protanomaly
41, 9.967, 303.090

Deuteranomaly
41, 10.190, 317.324

Tritanomaly
41, 9.434, 335.751

Monochromacy



Original Color
41, 12.470, 325.242

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 4.424, 324.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.470, 325.242 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(108, 91, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 91, 108)  
}
```

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(108, 91, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 91, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.470, 325.242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

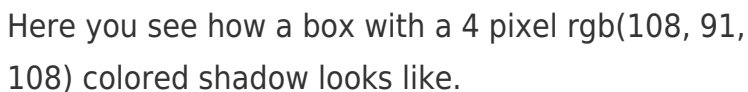
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 91, 108) }
```

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

```
.border{ border-color:rgb(108, 91, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 91, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 91, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 91, 108); box-shadow:4px 4px 4px 4px rgb(108, 91, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.470, 325.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 91, 108) }
```

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

```
.background{ background-color: rgb(108, 91,  
108) }
```

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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