

Converting Colors

CIELCh(41, 12.874, 332.049)

Have a look what the booklet for
CIELCh(41, 12.874, 332.049)
contains.

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Color

CIELCh(41, 12.727, 331.587)

Conversions

Conversions Part 1

Format	Color
Hex	6F5B6B
RGB	111, 91, 107
RGB Percent	44%, 36%, 42%
CMY	0.5656, 0.6440, 0.5813
CMYK	0.00, 0.18, 0.04, 0.57
HSL	312°, 10%, 40%
HSV	312°, 18%, 43%
XYZ	12.8895, 11.8645, 15.4568
YIQ	98.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

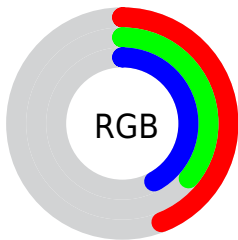
Format	Color
R_{YB}	111, 91, 107
Decimal	7297899
CIE Lab	41.00, 11.19, -6.06
CIE LCh	41, 12.727, 331.587
Yxy	11.8645, 0.3205, 0.2951
Android (android.graphics.Color)	4285487979 (0xFF6F5B6B)
YUV	98.8040, 4.0406, 10.6959
Hunter-Lab	34.4449, 6.5173, -2.4943

Details

The CIELCh color $41, 12.727, 331.587$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $45, 12.678, 149.367$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 12.786, 332.328$, and $21, 12.936, 330.921$ is the 20% darker color. If you saturate the color by 10%, you get $38, 19.807, 332.219$, and if you desaturate by 10%, it is $44, 5.644, 330.964$.

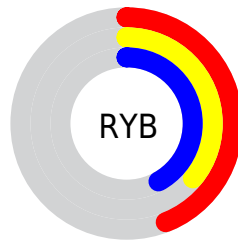
Distribution



Red (44%)

Green (36%)

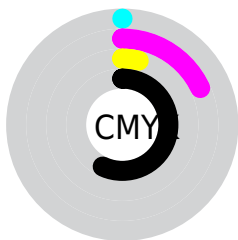
Blue (42%)



Red (44%)

Yellow (36%)

Blue (42%)

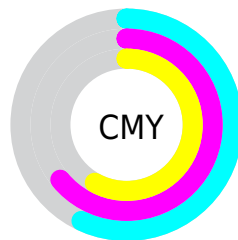


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (57%)



Cyan (57%)

Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 12.727, 331.587 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, 12.727, 331.587 by changing the saturation by 10% instead.

■ 41, 12.727,
331.587

■ 41, 12.727,
331.587

■ 100, 12.727,
331.587

■ 31, 12.727,
331.587

■ 61, 12.727,
331.587

■ 21, 12.727,
331.587

■ 71, 12.727,
331.587

■ 11, 12.727,
331.587

■ 81, 12.727,
331.587

■ 1, 12.727, 331.587

■ 91, 12.727,
331.587

■ 0, 12.727, 331.587

■ 41, 12.727,

■ 41, 12.727,

331.587

38, 19.807,
332.219

35, 26.759,
332.867

32, 33.399,
333.534

30, 39.493,
334.225

28, 44.763,
334.946

26, 48.924,
335.712

25, 51.746,
336.547

24, 53.534,
337.442

331.587

44, 5.644, 330.964

47, 1.351, 150.567

51, 8.204, 149.885

54, 14.884,
149.342

57, 21.377,
148.832

61, 27.678,
148.349

64, 33.790,
147.892

67, 39.721,
147.461

71, 45.479,

■ 24, 53.889,
337.612

147.054

Harmonies

Complementary

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



41, 12.727, 331.587



45, 12.678, 149.367

Rectangle

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



41, 12.727, 331.587



41, 12.727, 21.587



41, 12.727, 151.587



41, 12.727, 201.587

Sweetspot

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



41, 12.725, 331.588



57, 4.311, 330.771



40, 12.345, 298.681



29, 2.922, 330.807



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, 12.725, 331.588



51, 19.130, 331.871



41, 9.317, 356.487



22, 3.989, 331.025



26, 56.935, 337.711



56, 96.445, 338.378

Inverse Universe

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



41, 12.725, 331.588



51, 19.130, 331.871



45, 8.896, 173.236



22, 3.989, 331.025



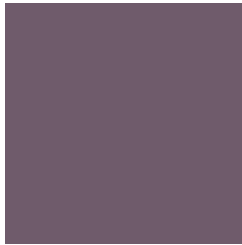
26, 56.935, 337.711



56, 96.445, 338.378

Previews

White Background



This preview shows how the CIELCh color 41, 12.727, 331.587 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, 12.727, 331.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

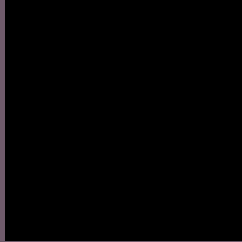
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 12.727, 331.587

Background



This preview shows how black text looks on a background with the CIELCh color 41, 12.727, 331.587.



This preview shows how white text looks on a background with the CIELCh color 41, 12.727, 331.587.

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, 12.727, 331.587

Protanopia

41, 8.503, 288.802

Deuteranopia

41, 8.021, 315.099



Tritanopia
41, 8.701, 351.539

Trichromacy



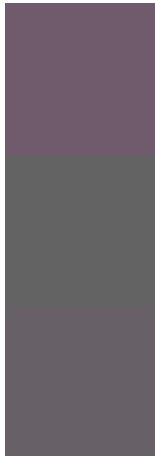
Original Color
41, 12.727, 331.587

Protanomaly
41, 9.580, 308.502

Deuteranomaly
41, 9.333, 322.918

Tritanomaly
41, 9.663, 342.006

Monochromacy



Original Color
41, 12.727, 331.587

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.671, 328.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 12.727, 331.587 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(111, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(111, 91, 107)  
}
```

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(111, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 91, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 12.727, 331.587 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(111, 91, 107) }
```

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

```
.border{ border-color:rgb(111, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 91, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 91, 107); box-shadow:4px 4px 4px 4px rgb(111, 91, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 12.727, 331.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 91, 107) }
```

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

```
.background{ background-color: rgb(111, 91,  
107) }
```

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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