

Converting Colors

CIELCh(41, 27.465, 333.561)

Have a look what the booklet for
CIELCh(41, 27.465, 333.561)
contains.

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Color

CIELCh(41, 27.500, 333.578)

Conversions

Conversions Part 1

Format	Color
Hex	7F5275
RGB	127, 82, 117
RGB Percent	50%, 32%, 46%
CMY	0.5014, 0.6779, 0.5406
CMYK	0.00, 0.35, 0.08, 0.50
HSL	313°, 22%, 41%
HSV	313°, 35%, 50%
XYZ	15.0193, 11.8645, 18.3699
YIQ	99.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

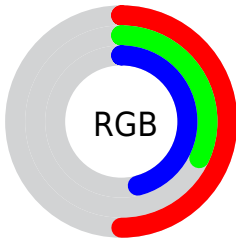
Format	Color
R_{YB}	127, 82, 117
Decimal	8344181
CIE _{Lab}	41.00, 24.63, -12.24
CIE _{LCh}	41, 27.500, 333.578
Yxy	11.8645, 0.3319, 0.2622
Android (android.graphics.Color)	4286534261 (0xFF7F5275)
YUV	99.4450, 8.6546, 24.1657
Hunter-Lab	34.4449, 17.5540, -7.5087

Details

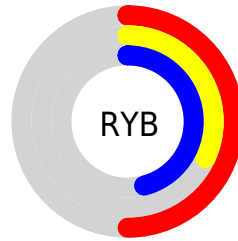
The CIELCh color $41, 27.500, 333.578$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 27.354, 148.615$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 27.695, 333.942$, and $21, 27.366, 333.526$ is the 20% darker color. If you saturate the color by 10%, you get $38, 34.919, 334.282$, and if you desaturate by 10%, it is $44, 19.780, 332.902$.

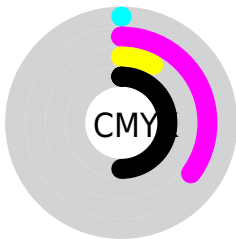
Distribution



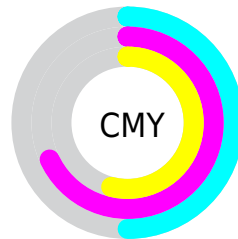
- Red (50%)
- Green (32%)
- Blue (46%)



- Red (50%)
- Yellow (32%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (8%)
- Black (50%)





- Cyan (50%)
- Magenta (68%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 27.500, 333.578 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, 27.500, 333.578 by changing the saturation by 10% instead.


 41, 27.500,
333.578


 41, 27.500,
333.578


 100, 27.500,
333.578


 31, 27.500,
333.578

 61, 27.500,
333.578


 21, 27.500,
333.578

 71, 27.500,
333.578

 11, 27.500,
333.578


 81, 27.500,
333.578

 1, 27.500, 333.578

 91, 27.500,
333.578

 0, 27.500, 333.578

 41, 27.500,

 41, 27.500,

333.578

■ 38, 34.919,
334.282

■ 35, 41.786,
335.018

■ 33, 47.788,
335.797

■ 31, 52.593,
336.638

■ 29, 55.918,
337.569

■ 28, 57.716,
338.620

■ 28, 58.410,
339.109

333.578

■ 44, 19.780,
332.902

■ 48, 11.958,
332.247

■ 51, 4.168, 331.591

■ 55, 3.504, 151.116

■ 59, 11.004,
150.505

■ 62, 18.303,
149.958

■ 66, 25.388,
149.443

■ 70, 32.260,
148.956

■ 74, 38.922,
148.497

Harmonies

Complementary

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



41, 27.500, 333.578



49, 27.354, 148.615

Rectangle

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



41, 27.500, 333.578



41, 27.500, 23.578



41, 27.500, 153.578



41, 27.500, 203.578

Sweetspot

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



41, 27.498, 333.578



63, 10.585, 331.980



38, 28.073, 301.442



32, 7.173, 332.052



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



41, 27.498, 333.578



50, 40.253, 334.110



40, 20.733, 1.049



25, 4.370, 331.840



28, 58.527, 339.113



0, 0.000, 0.000

Inverse Universe

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



41, 27.498, 333.578



50, 40.253, 334.110



50, 18.615, 173.730



25, 4.370, 331.840



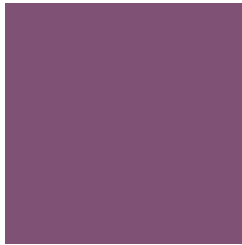
28, 58.527, 339.113



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 27.500, 333.578 looks on a white background.

Color Contrast Check

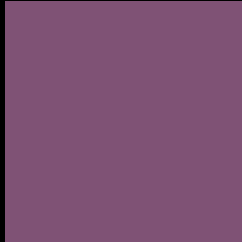
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.500, 333.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

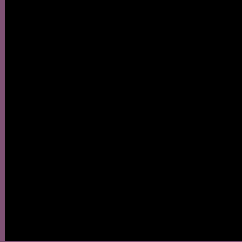
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 27.500, 333.578

Background



This preview shows how black text looks on a background with the CIELCh color 41, 27.500, 333.578.



This preview shows how white text looks on a background with the CIELCh color 41, 27.500, 333.578.

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, 27.500, 333.578

Protanopia

41, 18.892, 285.309

Deuteranopia

41, 12.227, 297.425



Tritanopia
41, 16.471, 9.259

Trichromacy



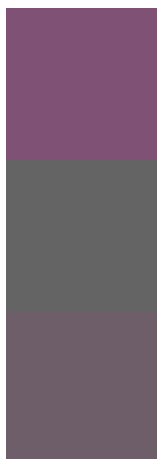
Original Color
41, 27.500, 333.578

Protanomaly
41, 20.073, 306.018

Deuteranomaly
41, 17.550, 317.607

Tritanomaly
41, 19.596, 351.013

Monochromacy



Original Color
41, 27.500, 333.578

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 9.828, 333.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 27.500, 333.578 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(127, 82, 117)` looks like.

```
.text, #text, p{  
    color:rgb(127, 82, 117)  
}
```

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(127, 82, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 82, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 27.500, 333.578 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(127, 82, 117) }
```

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

```
.border{ border-color:rgb(127, 82, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 82, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 82, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 82, 117);  
box-shadow:4px 4px 4px 4px rgb(127, 82,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 27.500, 333.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 82, 117) }
```

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

```
.background{ background-color: rgb(127, 82,  
117) }
```

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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