

Converting Colors

CIELCh(41, 25.554, 336.504)

Have a look what the booklet for
CIELCh(41, 25.554, 336.504)
contains.

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Color

CIELCh(41, 25.588, 336.523)

Conversions

Conversions Part 1

Format	Color
Hex	7F5372
RGB	127, 83, 114
RGB Percent	50%, 33%, 45%
CMY	0.5028, 0.6752, 0.5537
CMYK	0.00, 0.35, 0.10, 0.50
HSL	318°, 21%, 41%
HSV	318°, 35%, 50%
XYZ	14.8271, 11.8645, 17.3698
YIQ	99.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

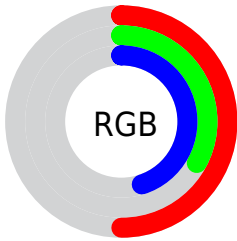
Format	Color
R_{YB}	127, 83, 114
Decimal	8344434
CIE _{Lab}	41.00, 23.47, -10.19
CIE _{LCh}	41, 25.588, 336.523
Yxy	11.8645, 0.3365, 0.2693
Android (android.graphics.Color)	4286534514 (0xFF7F5372)
YUV	99.6900, 7.0548, 23.9509
Hunter-Lab	34.4449, 16.5584, -5.7871

Details

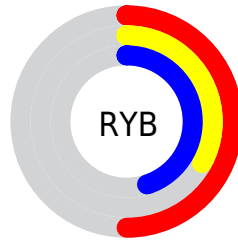
The CIELCh color $41, 25.588, 336.523$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $49, 25.313, 151.345$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 25.635, 336.034$, and $21, 25.368, 336.768$ is the 20% darker color. If you saturate the color by 10%, you get $38, 32.689, 337.334$, and if you desaturate by 10%, it is $44, 18.230, 335.766$.

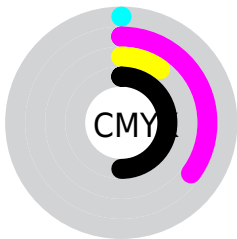
Distribution



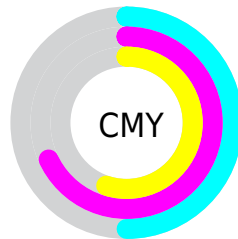
- Red (50%)
- Green (33%)
- Blue (45%)



- Red (50%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (50%)





- Cyan (50%)
- Magenta (68%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.588, 336.523 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, 25.588, 336.523 by changing the saturation by 10% instead.


 41, 25.588,
336.523


 41, 25.588,
336.523


 100, 25.588,
336.523


 31, 25.588,
336.523

 61, 25.588,
336.523


 21, 25.588,
336.523

 71, 25.588,
336.523

 11, 25.588,
336.523

 81, 25.588,
336.523

 1, 25.588, 336.523

 91, 25.588,
336.523

 0, 25.588, 336.523

 41, 25.588,

 41, 25.588,

336.523

38, 32.689,
337.334

35, 39.296,
338.212

33, 45.103,
339.181

30, 49.778,
340.277

29, 53.030,
341.550

28, 54.757,
343.053

27, 55.492,
343.877

336.523

44, 18.230,
335.766

48, 10.802,
335.049

51, 3.424, 334.333

55, 3.826, 153.836

59, 10.901,
153.200

63, 17.778,
152.629

66, 24.449,
152.094

70, 30.914,
151.591

■ 74, 37.182,
151.118

Harmonies

Complementary

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



41, 25.588, 336.523



49, 25.313, 151.345

Rectangle

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



41, 25.588, 336.523



41, 25.588, 26.523



41, 25.588, 156.523



41, 25.588, 206.523

Sweetspot

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



41, 25.586, 336.524



64, 9.128, 334.738



38, 27.547, 303.564



33, 6.282, 334.820



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, 25.586, 336.524



50, 38.323, 337.193



40, 19.892, 5.839



25, 4.148, 334.658



28, 55.707, 343.889



0, 0.000, 0.000

Inverse Universe

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



41, 25.586, 336.524



50, 38.323, 337.193



50, 17.420, 178.806



25, 4.148, 334.658



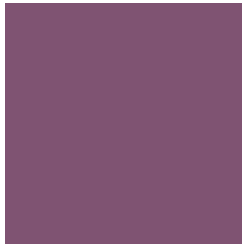
28, 55.707, 343.889



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 41, 25.588, 336.523 looks on a white background.

Color Contrast Check

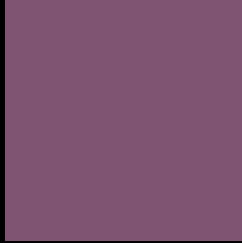
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.588, 336.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

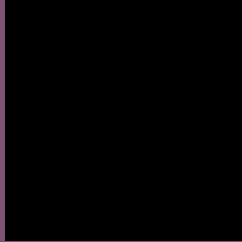
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.588, 336.523

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.588, 336.523.



This preview shows how white text looks on a background with the CIELCh color 41, 25.588, 336.523.

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, 25.588, 336.523

Protanopia

41, 16.467, 284.931

Deuteranopia

41, 10.474, 300.342



Tritanopia
41, 16.471, 9.259

Trichromacy



Original Color
41, 25.588, 336.523

Protanomaly
41, 18.319, 307.232

Deuteranomaly
41, 15.224, 320.174

Tritanomaly
41, 19.345, 352.601

Monochromacy



Original Color
41, 25.588, 336.523

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 9.418, 335.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.588, 336.523 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, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(127, 83, 114)  
}
```

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, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 83, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.588, 336.523 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, 83, 114) }
```

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

```
.border{ border-color:rgb(127, 83, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 83, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 83, 114); box-shadow:4px 4px 4px 4px rgb(127, 83, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.588, 336.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 83, 114) }
```

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

```
.background{ background-color: rgb(127, 83,  
114) }
```

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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