

Converting Colors

CIELCh(41, 30.015, 336.071)

Have a look what the booklet for
CIELCh(41, 30.015, 336.071)
contains.

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Color

CIELCh(41, 29.834, 335.967)

Conversions

Conversions Part 1

Format	Color
Hex	835075
RGB	131, 80, 117
RGB Percent	51%, 31%, 46%
CMY	0.4860, 0.6860, 0.5409
CMYK	0.00, 0.39, 0.11, 0.49
HSL	316°, 24%, 41%
HSV	316°, 39%, 51%
XYZ	15.4603, 11.8645, 18.3268
YIQ	99.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

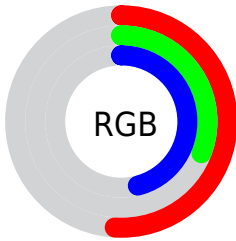
Format	Color
R_{YB}	131, 80, 117
Decimal	8605813
CIE _{Lab}	41.00, 27.25, -12.15
CIE _{LCh}	41, 29.834, 335.967
Yxy	11.8645, 0.3387, 0.2599
Android (android.graphics.Color)	4286795893 (0xFF835075)
YUV	99.4670, 8.6438, 27.6544
Hunter-Lab	34.4449, 19.8394, -7.4344

Details

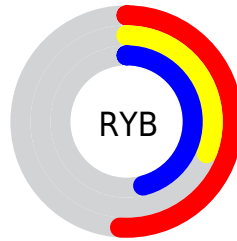
The CIELCh color $41, 29.834, 335.967$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 29.570, 150.114$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 29.984, 336.024$, and $21, 30.001, 335.525$ is the 20% darker color. If you saturate the color by 10%, you get $38, 37.032, 336.770$, and if you desaturate by 10%, it is $44, 22.261, 335.215$.

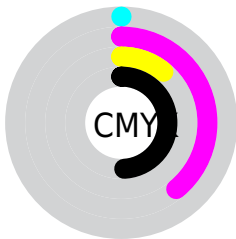
Distribution



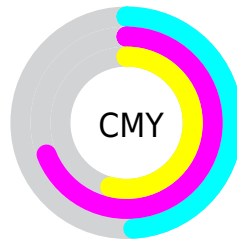
- Red (51%)
- Green (31%)
- Blue (46%)



- Red (51%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (49%)





- Cyan (49%)
- Magenta (69%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 29.834, 335.967 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, 29.834, 335.967 by changing the saturation by 10% instead.


 41, 29.834,
335.967


 41, 29.834,
335.967


 100, 29.834,
335.967


 31, 29.834,
335.967

 61, 29.834,
335.967


 21, 29.834,
335.967

 71, 29.834,
335.967

 11, 29.834,
335.967


 81, 29.834,
335.967

 1, 29.834, 335.967

 91, 29.834,
335.967

 0, 29.834, 335.967

 41, 29.834,

 41, 29.834,

335.967

335.967

■ 38, 37.032,
336.770

■ 44, 22.261,
335.215

■ 35, 43.578,
337.638

■ 48, 14.535,
334.501

■ 33, 49.136,
338.594

■ 51, 6.809, 333.812

■ 31, 53.371,
339.676

■ 55, 0.817, 153.509

■ 59, 8.281, 152.640

■ 30, 56.030,
340.932

■ 63, 15.548,
152.057

■ 29, 57.425,
342.356

■ 67, 22.603,
151.513

■ 29, 57.575,
342.510

■ 71, 29.443,
151.002

■ 74, 36.073,

Harmonies

Complementary

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



41, 29.834, 335.967



50, 29.570, 150.114

Rectangle

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



41, 29.834, 335.967



41, 29.834, 25.967



41, 29.834, 155.967



41, 29.834, 205.967

Sweetspot

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



41, 29.832, 335.968



64, 11.412, 334.043



37, 31.937, 303.399



33, 7.634, 334.116



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



41, 29.832, 335.968



50, 44.252, 336.701



40, 23.164, 5.270



26, 4.351, 333.828



28, 57.258, 342.496



0, 1.035, 333.275

Inverse Universe

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



41, 29.832, 335.968



50, 44.252, 336.701



51, 20.084, 177.053



26, 4.351, 333.828



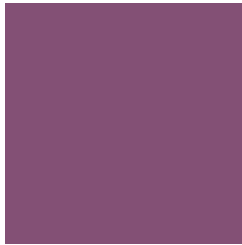
28, 57.258, 342.496



0, 1.035, 333.275

Previews

White Background



This preview shows how the CIELCh color 41, 29.834, 335.967 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, 29.834, 335.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

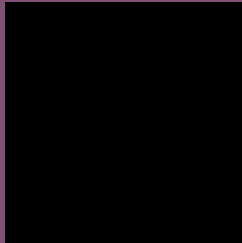
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 29.834, 335.967

Background



This preview shows how black text looks on a background with the CIELCh color 41, 29.834, 335.967.



This preview shows how white text looks on a background with the CIELCh color 41, 29.834, 335.967.

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, 29.834, 335.967

Protanopia

41, 19.526, 284.651

Deuteranopia

41, 11.624, 297.647



Tritanopia
41, 19.202, 9.753

Trichromacy



Original Color
41, 29.834, 335.967

Protanomaly
41, 21.447, 307.357

Deuteranomaly
41, 17.187, 319.722

Tritanomaly
41, 22.076, 353.648

Monochromacy



Original Color
41, 29.834, 335.967

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 10.834, 334.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 29.834, 335.967 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(131, 80, 117)` looks like.

```
.text, #text, p{  
    color:rgb(131, 80, 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(131, 80, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 80, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 29.834, 335.967 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(131, 80, 117) }
```

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

```
.border{ border-color:rgb(131, 80, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 80, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 80, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 80, 117);  
box-shadow:4px 4px 4px 4px rgb(131, 80,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 29.834, 335.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 80, 117) }
```

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

```
.background{ background-color: rgb(131, 80,  
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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