

Converting Colors

CIELCh(41, 42.969, 325.838)

Have a look what the booklet for
CIELCh(41, 42.969, 325.838)
contains.

CIELCh(41, 43.319, 325.846)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 43.319, 325.846)

Conversions

Conversions Part 1

Format	Color
Hex	874A89
RGB	135, 74, 137
RGB Percent	53%, 29%, 54%
CMY	0.4704, 0.7096, 0.4626
CMYK	0.01, 0.46, 0.00, 0.46
HSL	298°, 30%, 41%
HSV	298°, 46%, 54%
XYZ	16.9683, 11.8645, 25.0783
YIQ	99.4210, 16.1330, 32.5250

Conversions

Conversions Part 2

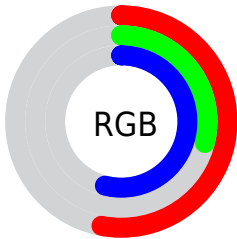
Format	Color
R_{YB}	135, 74, 137
Decimal	8866441
CIE _{Lab}	41.00, 35.85, -24.32
CIE _{LCh}	41, 43.319, 325.846
Yxy	11.8645, 0.3147, 0.2201
Android (android.graphics.Color)	4287056521 (0xFF874A89)
YUV	99.4210, 18.5264, 31.2028
Hunter-Lab	34.4449, 27.6540, -19.0559

Details

The CIELCh color $41, 43.319, 325.846$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 43.344, 140.281$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 43.349, 325.851$, and $21, 43.466, 325.584$ is the 20% darker color. If you saturate the color by 10%, you get $38, 51.690, 326.247$, and if you desaturate by 10%, it is $44, 34.265, 325.393$.

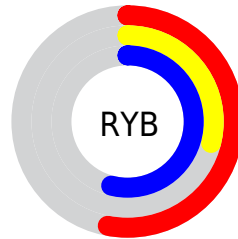
Distribution



Red (53%)

Green (29%)

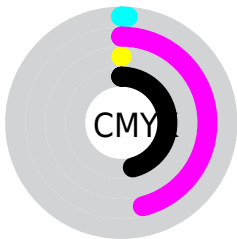
Blue (54%)



Red (53%)

Yellow (29%)

Blue (54%)

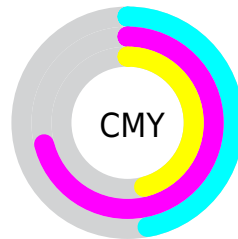


Cyan (1%)

Magenta (46%)

Yellow (0%)

Black (46%)



Cyan (47%)


Magenta (71%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 43.319, 325.846 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, 43.319, 325.846 by changing the saturation by 10% instead.


 41, 43.319,
325.846


 41, 43.319,
325.846


 100, 43.319,
325.846


 31, 43.319,
325.846

 61, 43.319,
325.846


 21, 43.319,
325.846

 71, 43.319,
325.846

 11, 43.319,
325.846

 81, 43.319,
325.846

 1, 43.319, 325.846

 91, 43.319,
325.846

 0, 43.319, 325.846

 41, 43.319,

 41, 43.319,

325.846

38, 51.690,
326.247

36, 59.039,
326.578

34, 65.013,
326.820

32, 69.338,
326.962

32, 72.005,
327.004

31, 72.940,
327.013

325.846

44, 34.265,
325.393

48, 24.829,
324.904

51, 15.241,
324.395

55, 5.668, 323.865

59, 3.778, 143.445

63, 13.025,
142.918

66, 22.030,
142.440

70, 30.773,
141.987

■ 74, 39.247,
141.561

Harmonies

Complementary

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



41, 43.319, 325.846



52, 43.344, 140.281

Rectangle

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



41, 43.319, 325.846



41, 43.319, 15.846



41, 43.319, 145.846



41, 43.319, 195.846

Sweetspot

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



41, 43.317, 325.846



66, 16.566, 324.309



35, 37.948, 295.154



33, 11.401, 324.407



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 43.317, 325.846



50, 62.988, 326.256



40, 32.141, 346.262



27, 5.387, 324.039



30, 71.219, 327.017



0, 2.486, 323.592

Inverse Universe

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



39, 28.900, 21.748



47, 43.985, 23.853



52, 30.832, 157.453



27, 3.149, 17.311



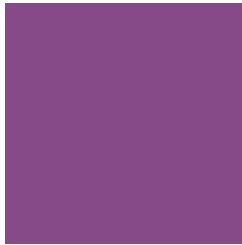
27, 62.145, 37.400



0, 1.416, 16.765

Previews

White Background



This preview shows how the CIELCh color 41, 43.319, 325.846 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, 43.319, 325.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

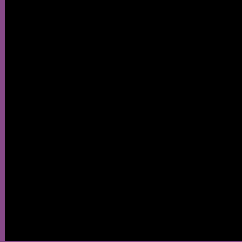
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 43.319, 325.846

Background



This preview shows how black text looks on a background with the CIELCh color 41, 43.319, 325.846.



This preview shows how white text looks on a background with the CIELCh color 41, 43.319, 325.846.

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, 43.319, 325.846

Protanopia

41, 36.515, 286.024

Deuteranopia

41, 22.574, 284.660



Tritanopia
41, 19.598, 11.852

Trichromacy



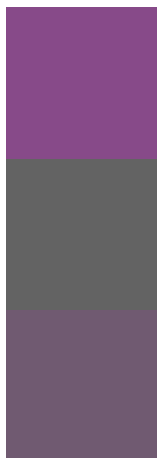
Original Color
41, 43.319, 325.846

Protanomaly
40, 37.344, 300.464

Deuteranomaly
41, 28.686, 305.680

Tritanomaly
41, 25.953, 344.954

Monochromacy



Original Color
41, 43.319, 325.846

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 16.546, 324.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 43.319, 325.846 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(135, 74, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 74, 137)  
}
```

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(135, 74, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 74, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 43.319, 325.846 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(135, 74, 137) }
```

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

```
.border{ border-color:rgb(135, 74, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 74, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 74, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 74, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 74,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 43.319, 325.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 74, 137) }
```

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

```
.background{ background-color: rgb(135, 74,  
137) }
```

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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