

Converting Colors

CIELCh(41, 46.440, 324.296)

Have a look what the booklet for
CIELCh(41, 46.440, 324.296)
contains.

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Color

CIELCh(41, 46.440, 324.296)

Conversions

Conversions Part 1

Format	Color
Hex	88498E
RGB	136, 73, 142
RGB Percent	53%, 29%, 56%
CMY	0.4681, 0.7151, 0.4446
CMYK	0.04, 0.49, 0.00, 0.44
HSL	295°, 32%, 42%
HSV	295°, 49%, 56%
XYZ	17.3074, 11.8645, 26.8247
YIQ	99.7030, 15.3990, 34.8150

Conversions

Conversions Part 2

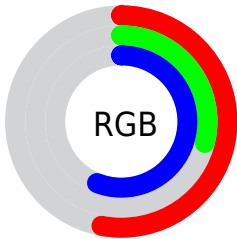
Format	Color
R_{YB}	136, 73, 142
Decimal	8931726
CIE _{Lab}	41.00, 37.71, -27.10
CIE _{LCh}	41, 46.440, 324.296
Yxy	11.8645, 0.3091, 0.2119
Android (android.graphics.Color)	4287121806 (0xFF88498E)
YUV	99.7030, 20.8524, 31.8325
Hunter-Lab	34.4449, 29.4116, -22.0619

Details

The CIELCh color $41, 46.440, 324.296$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 46.238, 138.807$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 46.377, 324.367$, and $21, 46.485, 324.432$ is the 20% darker color. If you saturate the color by 10%, you get $38, 54.842, 324.640$, and if you desaturate by 10%, it is $44, 37.310, 323.887$.

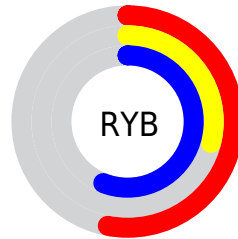
Distribution



Red (53%)

Green (29%)

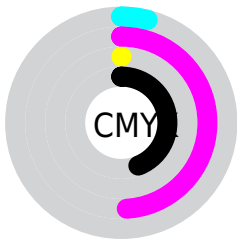
Blue (56%)



Red (53%)

Yellow (29%)

Blue (56%)

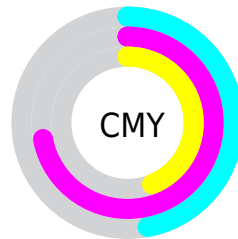


Cyan (4%)

Magenta (49%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 46.440, 324.296 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, 46.440, 324.296 by changing the saturation by 10% instead.


 41, 46.440,
324.296

 41, 46.440,
324.296


 100, 46.440,
324.296

 31, 46.440,
324.296

 61, 46.440,
324.296

 21, 46.440,
324.296

 71, 46.440,
324.296

 11, 46.440,
324.296


 81, 46.440,
324.296

 1, 46.440, 324.296

 91, 46.440,
324.296

 0, 46.440, 324.296

 41, 46.440,

 41, 46.440,

324.296

■ 38, 54.842,
324.640

■ 36, 62.153,
324.894

■ 34, 68.000,
325.034

■ 32, 72.097,
325.040

■ 31, 74.678,
324.930

■ 31, 75.001,
324.916

324.296

■ 44, 37.310,
323.887

■ 48, 27.770,
323.436

■ 52, 18.061,
322.960

■ 55, 8.356, 322.469

■ 59, 1.228, 142.166

■ 63, 10.618,
141.572

■ 68, 19.772,
141.121

■ 72, 28.667,
140.697

■ 76, 37.296,
140.301

Harmonies

Complementary

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



41, 46.440, 324.296



53, 46.238, 138.807

Rectangle

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



41, 46.440, 324.296



41, 46.440, 14.296



41, 46.440, 144.296



41, 46.440, 194.296

Sweetspot

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



41, 46.438, 324.296



67, 17.875, 322.796



36, 38.462, 293.008



34, 12.163, 322.886



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



41, 46.438, 324.296



49, 66.877, 324.656



41, 36.252, 342.902



28, 5.460, 322.494



29, 72.489, 324.930



1, 3.664, 322.073

Inverse Universe

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



40, 31.313, 18.180



47, 46.908, 20.600



54, 35.316, 153.994



28, 3.262, 12.848



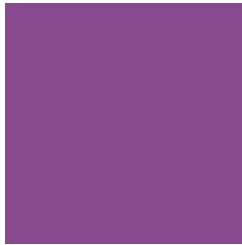
27, 61.418, 35.214



0, 2.142, 12.200

Previews

White Background



This preview shows how the CIELCh color 41, 46.440, 324.296 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, 46.440, 324.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

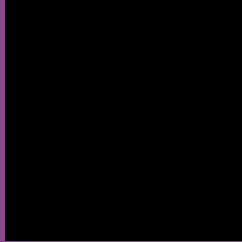
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 46.440, 324.296

Background



This preview shows how black text looks on a background with the CIELCh color 41, 46.440, 324.296.

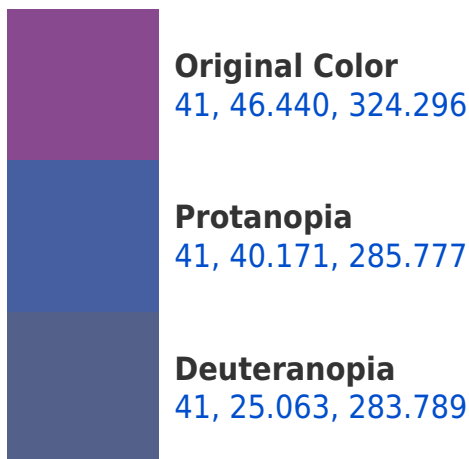


This preview shows how white text looks on a background with the CIELCh color 41, 46.440, 324.296.

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





Tritanopia
41, 19.598, 11.852

Trichromacy



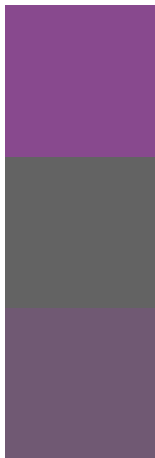
Original Color
41, 46.440, 324.296

Protanomaly
40, 40.845, 299.002

Deuteranomaly
41, 31.511, 303.473

Tritanomaly
41, 26.271, 343.860

Monochromacy



Original Color
41, 46.440, 324.296

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 18.286, 322.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 46.440, 324.296 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(136, 73, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 73, 142)  
}
```

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(136, 73, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 73, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 46.440, 324.296 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(136, 73, 142) }
```

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

```
.border{ border-color:rgb(136, 73, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 73, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 73, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 73, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 73,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 46.440, 324.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 73, 142) }
```

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

```
.background{ background-color: rgb(136, 73,  
142) }
```

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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