

Converting Colors

CIELCh(41, 50.805, 323.124)

Have a look what the booklet for
CIELCh(41, 50.805, 323.124)
contains.

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Color

CIELCh(41, 50.805, 323.124)

Conversions

Conversions Part 1

Format	Color
Hex	894693
RGB	137, 70, 147
RGB Percent	54%, 27%, 58%
CMY	0.4617, 0.7245, 0.4225
CMYK	0.07, 0.52, 0.00, 0.42
HSL	292°, 35%, 43%
HSV	292°, 52%, 58%
XYZ	17.8497, 11.8645, 29.0566
YIQ	98.8110, 15.2150, 38.1510

Conversions

Conversions Part 2

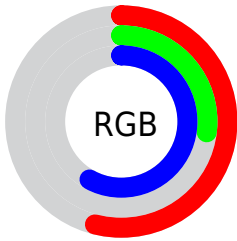
Format	Color
RYB	137, 70, 147
Decimal	8996499
CIELab	41.00, 40.64, -30.49
CIElCh	41, 50.805, 323.124
Yxy	11.8645, 0.3037, 0.2019
Android (android.graphics.Color)	4287186579 (0xFF894693)
YUV	98.8110, 23.7572, 33.4918
Hunter-Lab	34.4449, 32.2218, -25.9037

Details

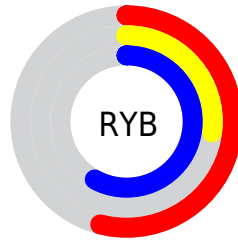
The CIELCh color **41, 50.805, 323.124** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 50.346, 137.526**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 50.683, 323.216**, and **21, 50.775, 323.202** is the 20% darker color. If you saturate the color by 10%, you get **38, 59.180, 323.413**, and if you desaturate by 10%, it is **44, 41.598, 322.756**.

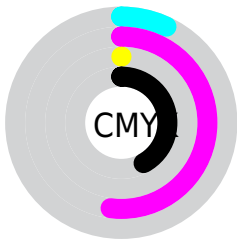
Distribution



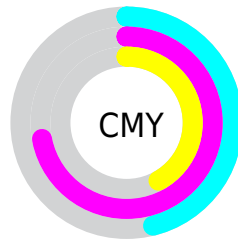
- Red (54%)
- Green (27%)
- Blue (58%)



- Red (54%)
- Yellow (27%)
- Blue (58%)



- Cyan (7%)
- Magenta (52%)
- Yellow (0%)
- Black (42%)





- Cyan (46%)
- Magenta (72%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 50.805, 323.124 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, 50.805, 323.124 by changing the saturation by 10% instead.


 41, 50.805,
323.124


 41, 50.805,
323.124


 100, 50.805,
323.124


 31, 50.805,
323.124

 61, 50.805,
323.124


 21, 50.805,
323.124

 71, 50.805,
323.124

 11, 50.805,
323.124


 81, 50.805,
323.124

 1, 50.805, 323.124

 91, 50.805,
323.124

 0, 50.805, 323.124

 41, 50.805,

 41, 50.805,

323.124

■ 38, 59.180,
323.413

■ 35, 66.329,
323.590

■ 33, 71.861,
323.626

■ 32, 75.508,
323.496

■ 31, 77.482,
323.326

323.124

■ 44, 41.598,
322.756

■ 48, 31.908,
322.334

■ 52, 22.002,
321.883

■ 56, 12.070,
321.416

■ 60, 2.242, 320.892

■ 64, 7.400, 140.551

■ 69, 16.808,
140.110

■ 73, 25.959,
139.702

■ 77, 34.842,
139.321

Harmonies

Complementary

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



41, 50.805, 323.124



55, 50.346, 137.526

Rectangle

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



41, 50.805, 323.124



41, 50.805, 13.124



41, 50.805, 143.124



41, 50.805, 193.124

Sweetspot

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



41, 50.803, 323.124



69, 19.483, 321.605



36, 41.249, 292.323



36, 13.271, 321.692



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 50.803, 323.124



49, 73.635, 323.458



41, 40.744, 341.568



29, 5.551, 321.268



29, 73.783, 323.354



1, 4.822, 320.865

Inverse Universe

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



40, 34.724, 15.763



47, 52.297, 18.876



55, 40.005, 152.074



29, 3.387, 9.451



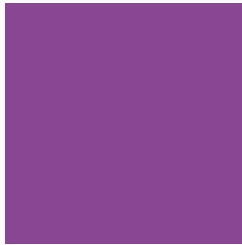
28, 60.742, 32.929



1, 2.885, 8.742

Previews

White Background



This preview shows how the CIELCh color 41, 50.805, 323.124 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, 50.805, 323.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

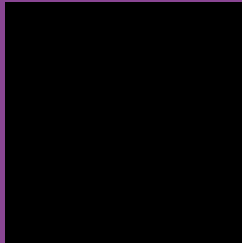
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 41, 50.805, 323.124

Background



This preview shows how black text looks on a background with the CIELCh color 41, 50.805, 323.124.



This preview shows how white text looks on a background with the CIELCh color 41, 50.805, 323.124.

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, 50.805, 323.124

Protanopia

41, 44.978, 286.074

Deuteranopia

41, 28.221, 282.420



Tritanopia
41, 20.545, 10.837

Trichromacy



Original Color
41, 50.805, 323.124

Protanomaly
40, 45.621, 298.424

Deuteranomaly
40, 35.064, 302.269

Tritanomaly
41, 28.836, 342.393

Monochromacy



Original Color
41, 50.805, 323.124

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 19.497, 321.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 50.805, 323.124 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(137, 70, 147)` looks like.

```
.text, #text, p{  
    color:rgb(137, 70, 147)  
}
```

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(137, 70, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 70, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 50.805, 323.124 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(137, 70, 147) }
```

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

```
.border{ border-color:rgb(137, 70, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 70, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 70, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 70, 147);  
box-shadow:4px 4px 4px 4px rgb(137, 70,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 50.805, 323.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 70, 147) }
```

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

```
.background{ background-color: rgb(137, 70,  
147) }
```

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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