

Converting Colors

CIELCh(41, 57.736, 332.738)

Have a look what the booklet for
CIELCh(41, 57.736, 332.738)
contains.

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Color

CIELCh(41, 57.633, 332.777)

Conversions

Conversions Part 1

Format	Color
Hex	9C398D
RGB	156, 57, 141
RGB Percent	61%, 22%, 55%
CMY	0.3891, 0.7774, 0.4479
CMYK	0.00, 0.64, 0.10, 0.39
HSL	309°, 47%, 42%
HSV	309°, 64%, 61%
XYZ	19.9081, 11.8645, 26.3540
YIQ	96.1770, 32.0400, 47.1120

Conversions

Conversions Part 2

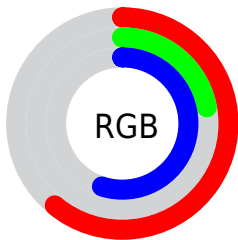
Format	Color
R_{YB}	156, 57, 141
Decimal	10238349
CIE _{Lab}	41.00, 51.25, -26.36
CIE _{LCh}	41, 57.633, 332.777
Yxy	11.8645, 0.3425, 0.2041
Android (android.graphics.Color)	4288428429 (0xFF9C398D)
YUV	96.1770, 22.0977, 52.4648
Hunter-Lab	34.4449, 42.8887, -21.2516

Details

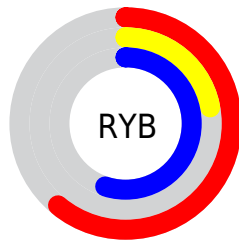
The CIELCh color $41, 57.633, 332.777$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $57, 58.651, 142.920$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 57.439, 332.797$, and $22, 54.044, 333.224$ is the 20% darker color. If you saturate the color by 10%, you get $39, 63.693, 333.414$, and if you desaturate by 10%, it is $44, 50.118, 332.148$.

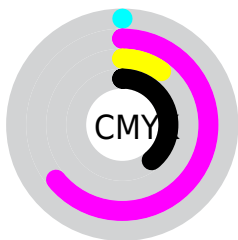
Distribution



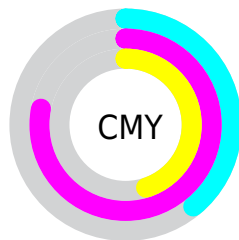
- Red (61%)
- Green (22%)
- Blue (55%)



- Red (61%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (64%)
- Yellow (10%)
- Black (39%)




- Cyan (39%)
- Magenta (78%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 57.633, 332.777 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, 57.633, 332.777 by changing the saturation by 10% instead.


 41, 57.633,
332.777


 41, 57.633,
332.777


 100, 57.633,
332.777


 31, 57.633,
332.777

 61, 57.633,
332.777


 21, 57.633,
332.777

 71, 57.633,
332.777

 11, 57.633,
332.777


 81, 57.633,
332.777

 1, 57.633, 332.777

 91, 57.633,
332.777

 0, 57.633, 332.777

 41, 57.633,

 41, 57.633,

332.777

332.777

■ 39, 63.693,
333.414

■ 44, 50.118,
332.148

■ 37, 67.962,
334.071

■ 47, 41.557,
331.521

■ 36, 70.269,
334.768

■ 51, 32.330,
330.897

■ 35, 71.153,
335.233

■ 55, 22.749,
330.278

■ 59, 13.052,
329.665

■ 63, 3.402, 329.022

■ 67, 6.093, 148.565

■ 71, 15.368,
147.994

■ 76, 24.388,
147.465

Harmonies

Complementary

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



41, 57.633, 332.777



57, 58.651, 142.920

Rectangle

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



41, 57.633, 332.777



41, 57.633, 22.777



41, 57.633, 152.777



41, 57.633, 202.777

Sweetspot

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



41, 57.631, 332.777



71, 22.614, 330.020



31, 62.159, 303.141



36, 15.696, 330.185



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



41, 57.631, 332.777



49, 79.357, 333.667



39, 44.410, 1.775



31, 5.498, 329.401



32, 66.828, 335.172



1, 7.011, 329.810

Inverse Universe

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



41, 57.631, 332.777



49, 79.357, 333.667



58, 38.546, 165.309



31, 5.498, 329.401



32, 66.828, 335.172



1, 7.011, 329.810

Previews

White Background



This preview shows how the CIELCh color 41, 57.633, 332.777 looks on a white background.

Color Contrast Check

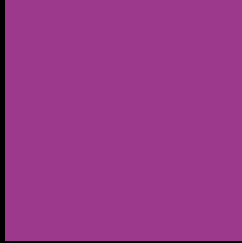
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.633, 332.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

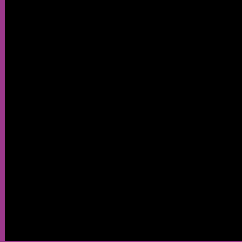
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 57.633, 332.777

Background



This preview shows how black text looks on a background with the CIELCh color 41, 57.633, 332.777.



This preview shows how white text looks on a background with the CIELCh color 41, 57.633, 332.777.

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, 57.633, 332.777

Protanopia

42, 47.363, 286.332

Deuteranopia

41, 23.798, 284.563



Tritanopia
41, 34.001, 20.087

Trichromacy



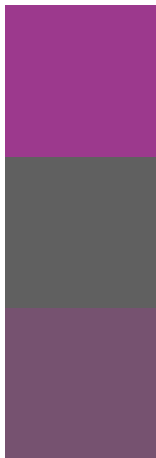
Original Color
41, 57.633, 332.777

Protanomaly
39, 48.986, 301.886

Deuteranomaly
40, 35.127, 311.885

Tritanomaly
41, 38.550, 356.397

Monochromacy



Original Color
41, 57.633, 332.777

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 23.212, 331.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 57.633, 332.777 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(156, 57, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 57, 141)  
}
```

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(156, 57, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 57, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 57.633, 332.777 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(156, 57, 141) }
```

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

```
.border{ border-color:rgb(156, 57, 141) }
```

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

Here you see how a box with a 4 pixel rgb(156, 57, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 57, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 57, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 57,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 57.633, 332.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 57, 141) }
```

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

```
.background{ background-color: rgb(156, 57,  
141) }
```

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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