

Converting Colors

CIELCh(41, 64.664, 328.272)

Have a look what the booklet for
CIELCh(41, 64.664, 328.272)
contains.

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Color

CIELCh(41, 64.436, 328.524)

Conversions

Conversions Part 1

Format	Color
Hex	9C3599
RGB	156, 53, 153
RGB Percent	61%, 21%, 60%
CMY	0.3891, 0.7930, 0.4008
CMYK	0.00, 0.66, 0.02, 0.39
HSL	302°, 49%, 41%
HSV	302°, 66%, 61%
XYZ	20.6627, 11.8645, 31.2469
YIQ	95.1970, 29.2880, 52.9360

Conversions

Conversions Part 2

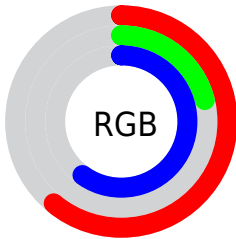
Format	Color
R_{YB}	156, 53, 153
Decimal	10237337
CIE _{Lab}	41.00, 54.95, -33.64
CIE _{LCh}	41, 64.436, 328.524
Yxy	11.8645, 0.3240, 0.1860
Android (android.graphics.Color)	4288427417 (0xFF9C3599)
YUV	95.1970, 28.4969, 53.3242
Hunter-Lab	34.4449, 46.7996, -29.6739

Details

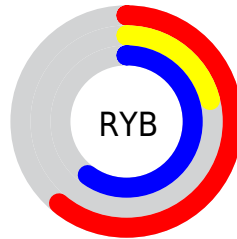
The CIELCh color **41, 64.436, 328.524** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57, 65.514, 139.358**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 64.287, 328.434**, and **23, 58.564, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **39, 70.651, 328.862**, and if you desaturate by 10%, it is **44, 56.621, 328.120**.

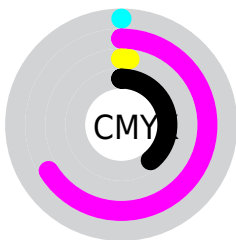
Distribution



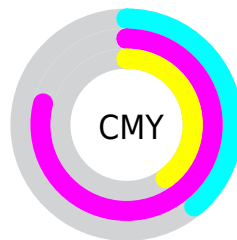
- Red (61%)
- Green (21%)
- Blue (60%)



- Red (61%)
- Yellow (21%)
- Blue (60%)



- Cyan (0%)
- Magenta (66%)
- Yellow (2%)
- Black (39%)





- Cyan (39%)
- Magenta (79%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 64.436, 328.524 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, 64.436, 328.524 by changing the saturation by 10% instead.


 41, 64.436,
328.524


 41, 64.436,
328.524


 100, 64.436,
328.524


 31, 64.436,
328.524

 61, 64.436,
328.524


 21, 64.436,
328.524

 71, 64.436,
328.524

 11, 64.436,
328.524


 81, 64.436,
328.524

 1, 64.436, 328.524

 91, 64.436,
328.524

 0, 64.436, 328.524

 41, 64.436,

 41, 64.436,

328.524

39, 70.651,
328.862

38, 74.991,
329.130

37, 77.443,
329.332

37, 78.202,
329.404

328.524

44, 56.621,
328.120

47, 47.595,
327.661

50, 37.751,
327.161

54, 27.432,
326.632

58, 16.912,
326.086

62, 6.388, 325.520

66, 4.004, 145.073

70, 14.177,
144.510

■ 75, 24.083,
143.999

Harmonies

Complementary

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



41, 64.436, 328.524



57, 65.514, 139.358

Rectangle

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



41, 64.436, 328.524



41, 64.436, 18.524



41, 64.436, 148.524



41, 64.436, 198.524

Sweetspot

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



41, 64.434, 328.524



71, 25.900, 326.320



29, 65.196, 300.942



36, 17.815, 326.463



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, 64.434, 328.524



50, 88.079, 328.989



39, 47.855, 352.711



31, 5.985, 325.703



33, 73.394, 329.395



1, 7.752, 325.412

Inverse Universe

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



41, 64.434, 328.524



50, 88.079, 328.989



58, 45.078, 156.978



31, 5.985, 325.703



33, 73.394, 329.395



1, 7.752, 325.412

Previews

White Background



This preview shows how the CIELCh color 41, 64.436, 328.524 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, 64.436, 328.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

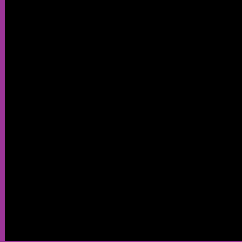
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 64.436, 328.524

Background



This preview shows how black text looks on a background with the CIELCh color 41, 64.436, 328.524.

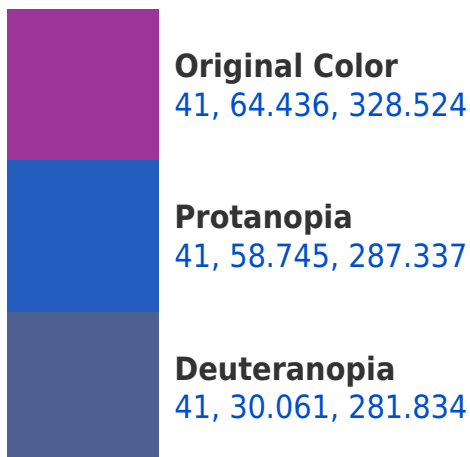


This preview shows how white text looks on a background with the CIELCh color 41, 64.436, 328.524.

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](#).

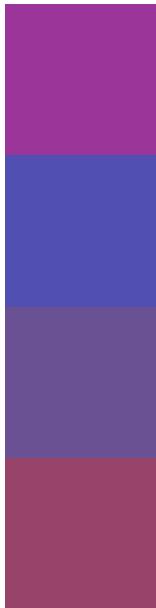
Dichromacy





Tritanopia
41, 33.047, 19.735

Trichromacy



Original Color
41, 64.436, 328.524

Protanomaly
39, 59.636, 298.922

Deuteranomaly
40, 41.698, 306.852

Tritanomaly
41, 40.049, 351.992

Monochromacy



Original Color
41, 64.436, 328.524

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 26.271, 326.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 64.436, 328.524 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, 53, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 53, 153)  
}
```

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, 53, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 53, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 64.436, 328.524 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, 53, 153) }
```

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

```
.border{ border-color:rgb(156, 53, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 53, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 53, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 53, 153); box-shadow:4px 4px 4px 4px rgb(156, 53, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 64.436, 328.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 53, 153) }
```

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

```
.background{ background-color: rgb(156, 53,  
153) }
```

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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