

Converting Colors

CIELCh(41, 66.233, 327.616)

Have a look what the booklet for
CIELCh(41, 66.233, 327.616)
contains.

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Color

CIELCh(41, 66.162, 327.625)

Conversions

Conversions Part 1

Format	Color
Hex	9C349C
RGB	156, 52, 156
RGB Percent	61%, 20%, 61%
CMY	0.3893, 0.7971, 0.3892
CMYK	0.00, 0.67, 0.00, 0.39
HSL	300°, 50%, 41%
HSV	300°, 67%, 61%
XYZ	20.8537, 11.8645, 32.5306
YIQ	94.9520, 28.6000, 54.3920

Conversions

Conversions Part 2

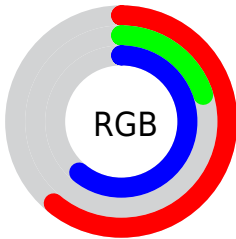
Format	Color
R_{YB}	156, 52, 156
Decimal	10237084
CIE _{Lab}	41.00, 55.88, -35.43
CIE _{LCh}	41, 66.162, 327.625
Yxy	11.8645, 0.3196, 0.1818
Android (android.graphics.Color)	4288427164 (0xFF9C349C)
YUV	94.9520, 30.0967, 53.5391
Hunter-Lab	34.4449, 47.7889, -31.8834

Details

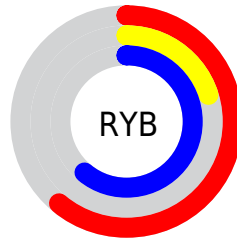
The CIELCh color $41, 66.162, 327.625$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $57, 67.115, 138.616$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 66.083, 327.582$, and $23, 59.858, 327.155$ is the 20% darker color. If you saturate the color by 10%, you get $39, 72.409, 327.902$, and if you desaturate by 10%, it is $43, 58.283, 327.268$.

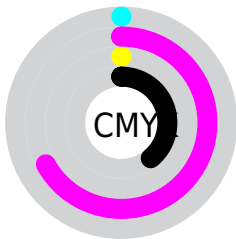
Distribution



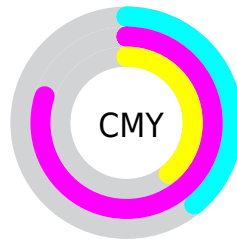
- Red (61%)
- Green (20%)
- Blue (61%)



- Red (61%)
- Yellow (20%)
- Blue (61%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (39%)





- Cyan (39%)
- Magenta (80%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 66.162, 327.625 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, 66.162, 327.625 by changing the saturation by 10% instead.


 41, 66.162,
327.625


 41, 66.162,
327.625


 100, 66.162,
327.625


 31, 66.162,
327.625

 61, 66.162,
327.625


 21, 66.162,
327.625

 71, 66.162,
327.625


 11, 66.162,
327.625


 81, 66.162,
327.625

 1, 66.162, 327.625

 91, 66.162,
327.625

 0, 66.162, 327.625

 41, 66.162,

 41, 66.162,

327.625

39, 72.409,
327.902

38, 76.767,
328.091

37, 79.285,
328.199

37, 79.964,
328.228

327.625

43, 58.283,
327.268

46, 49.155,
326.845

50, 39.169,
326.369

53, 28.677,
325.859

57, 17.960,
325.325

61, 7.226, 324.772

66, 3.383, 144.333

70, 13.774,
143.765

■ 74, 23.894,
143.257

Harmonies

Complementary

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



41, 66.162, 327.625



57, 67.115, 138.616

Rectangle

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



41, 66.162, 327.625



41, 66.162, 17.625



41, 66.162, 147.625



41, 66.162, 197.625

Sweetspot

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



41, 66.160, 327.625



71, 26.412, 325.519



29, 64.800, 300.272



36, 18.166, 325.659



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, 66.160, 327.625



50, 90.421, 328.003



39, 48.926, 350.589



31, 6.104, 324.912



34, 75.047, 328.228



1, 7.944, 324.435

Inverse Universe

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



37, 49.424, 29.005



44, 73.734, 33.864



57, 46.847, 155.161



31, 3.535, 19.890



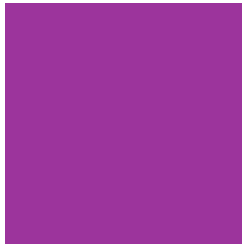
29, 67.088, 39.157



1, 4.473, 19.396

Previews

White Background



This preview shows how the CIELCh color 41, 66.162, 327.625 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, 66.162, 327.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

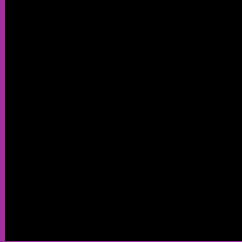
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 66.162, 327.625

Background



This preview shows how black text looks on a background with the CIELCh color 41, 66.162, 327.625.



This preview shows how white text looks on a background with the CIELCh color 41, 66.162, 327.625.

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, 66.162, 327.625

Protanopia

42, 61.149, 287.312

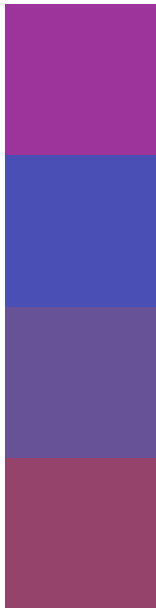
Deuteranopia

41, 31.363, 281.098



Tritanopia
41, 32.515, 18.550

Trichromacy



Original Color
41, 66.162, 327.625

Protanomaly
39, 62.041, 297.656

Deuteranomaly
40, 43.349, 305.595

Tritanomaly
41, 40.206, 350.020

Monochromacy



Original Color
41, 66.162, 327.625

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 27.463, 326.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 66.162, 327.625 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, 52, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 52, 156)  
}
```

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, 52, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 52, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 66.162, 327.625 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, 52, 156) }
```

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

```
.border{ border-color:rgb(156, 52, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 52, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 52, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 52, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 52,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 66.162, 327.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 52, 156) }
```

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

```
.background{ background-color: rgb(156, 52,  
156) }
```

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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