

Converting Colors

CIELCh(41, 58.091, 343.095)

Have a look what the booklet for
CIELCh(41, 58.091, 343.095)
contains.

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Color

CIELCh(41, 58.227, 342.791)

Conversions

Conversions Part 1

Format	Color
Hex	A7307E
RGB	167, 48, 126
RGB Percent	65%, 19%, 49%
CMY	0.3446, 0.8112, 0.5054
CMYK	0.00, 0.71, 0.25, 0.34
HSL	321°, 55%, 42%
HSV	321°, 71%, 66%
XYZ	20.8003, 11.8645, 20.9724
YIQ	92.4730, 45.8860, 49.4860

Conversions

Conversions Part 2

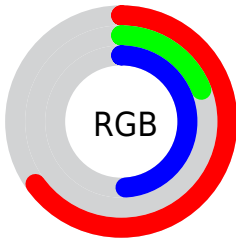
Format	Color
RYB	167, 48, 126
Decimal	10956926
CIELab	41.00, 55.62, -17.23
CIElCh	41, 58.227, 342.791
Yxy	11.8645, 0.3878, 0.2212
Android (android.graphics.Color)	4289147006 (0xFFA7307E)
YUV	92.4730, 16.5288, 65.3602
Hunter-Lab	34.4449, 47.5122, -11.9883

Details

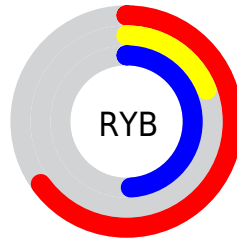
The CIELCh color **41, 58.227, 342.791** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **61, 58.900, 148.225**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 58.275, 342.640**, and **23, 50.243, 344.341** is the 20% darker color. If you saturate the color by 10%, you get **39, 62.499, 344.327**, and if you desaturate by 10%, it is **44, 52.221, 341.501**.

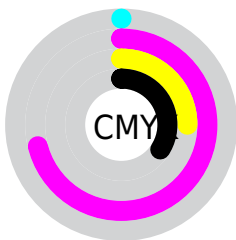
Distribution



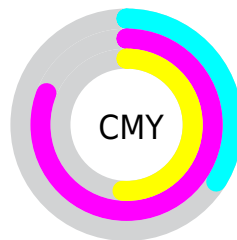
- Red (65%)
- Green (19%)
- Blue (49%)



- Red (65%)
- Yellow (19%)
- Blue (49%)



- Cyan (0%)
- Magenta (71%)
- Yellow (25%)
- Black (34%)





- Cyan (34%)
- Magenta (81%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 58.227, 342.791 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, 58.227, 342.791 by changing the saturation by 10% instead.


 41, 58.227,
342.791


 41, 58.227,
342.791


 100, 58.227,
342.791


 31, 58.227,
342.791

 61, 58.227,
342.791


 21, 58.227,
342.791

 71, 58.227,
342.791

 11, 58.227,
342.791


 81, 58.227,
342.791

 1, 58.227, 342.791

 91, 58.227,
342.791

 0, 58.227, 342.791

 41, 58.227,

 41, 58.227,

342.791

■ 39, 62.499,
344.327

■ 37, 64.799,
346.197

■ 37, 65.588,
348.109

342.791

■ 44, 52.221,
341.501

■ 47, 44.890,
340.387

■ 51, 36.663,
339.400

■ 55, 27.915,
338.505

■ 59, 18.939,
337.682

■ 63, 9.940, 336.909

■ 68, 1.054, 335.941

■ 73, 7.637, 155.614

■ 77, 16.089,

Harmonies

Complementary

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



41, 58.227, 342.791



61, 58.900, 148.225

Rectangle

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



41, 58.227, 342.791



41, 58.227, 32.791



41, 58.227, 162.791



41, 58.227, 212.791

Sweetspot

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



41, 58.224, 342.792



75, 23.190, 337.697



32, 73.290, 308.175



38, 15.836, 337.909



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



41, 58.224, 342.792



50, 77.649, 345.278



39, 52.307, 18.539



33, 5.047, 336.765



32, 60.072, 347.839



2, 8.642, 339.677

Inverse Universe

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



41, 58.224, 342.792



50, 77.649, 345.278



62, 37.168, 178.723



33, 5.047, 336.765



32, 60.072, 347.839



2, 8.642, 339.677

Previews

White Background



This preview shows how the CIELCh color 41, 58.227, 342.791 looks on a white background.

Color Contrast Check

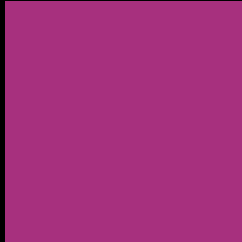
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.227, 342.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

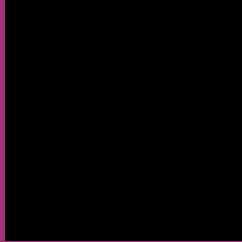
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 58.227, 342.791

Background



This preview shows how black text looks on a background with the CIELCh color 41, 58.227, 342.791.

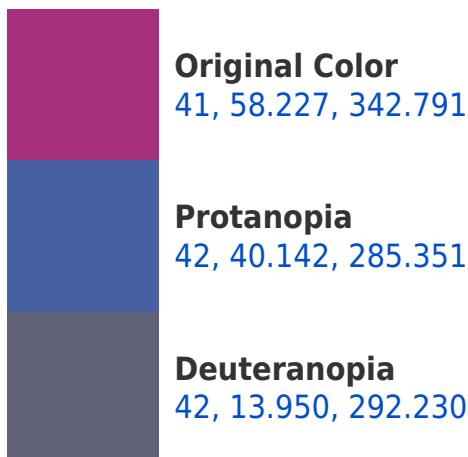


This preview shows how white text looks on a background with the CIELCh color 41, 58.227, 342.791.

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, 44.470, 24.288

Trichromacy



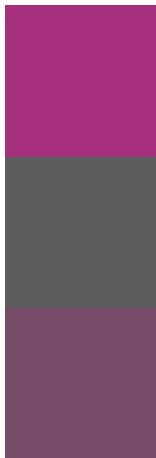
Original Color
41, 58.227, 342.791

Protanomaly
39, 43.635, 307.390

Deuteranomaly
40, 30.789, 326.257

Tritanomaly
41, 46.217, 6.160

Monochromacy



Original Color
41, 58.227, 342.791

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 24.363, 339.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 58.227, 342.791 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(167, 48, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 48, 126)  
}
```

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(167, 48, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 48, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 58.227, 342.791 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(167, 48, 126) }
```

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

```
.border{ border-color:rgb(167, 48, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 48, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 48, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 48, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 48,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 58.227, 342.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 48, 126) }
```

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

```
.background{ background-color: rgb(167, 48,  
126) }
```

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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