

Converting Colors

CIELCh(41, 59.242, 342.228)

Have a look what the booklet for
CIELCh(41, 59.242, 342.228)
contains.

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Color

CIELCh(41, 59.390, 342.107)

Conversions

Conversions Part 1

Format	Color
Hex	A82F80
RGB	168, 47, 128
RGB Percent	66%, 18%, 50%
CMY	0.3421, 0.8167, 0.4989
CMYK	0.00, 0.72, 0.24, 0.34
HSL	320°, 56%, 42%
HSV	320°, 72%, 66%
XYZ	20.9866, 11.8645, 21.5330
YIQ	92.4130, 46.1150, 50.8430

Conversions

Conversions Part 2

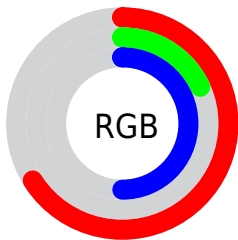
Format	Color
R_{YB}	168, 47, 128
Decimal	11022208
CIE _{Lab}	41.00, 56.52, -18.25
CIE _{LCh}	41, 59.390, 342.107
Yxy	11.8645, 0.3859, 0.2182
Android (android.graphics.Color)	4289212288 (0xFFA82F80)
YUV	92.4130, 17.5444, 66.2898
Hunter-Lab	34.4449, 48.4779, -12.9532

Details

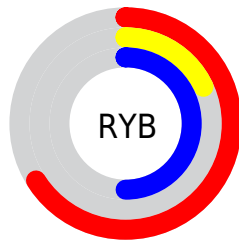
The CIELCh color **41, 59.390, 342.107** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **61, 60.403, 147.508**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 59.605, 341.957**, and **24, 50.925, 343.558** is the 20% darker color. If you saturate the color by 10%, you get **39, 63.517, 343.589**, and if you desaturate by 10%, it is **44, 53.476, 340.857**.

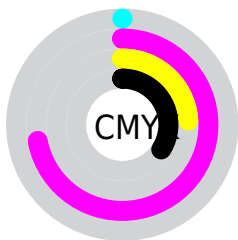
Distribution



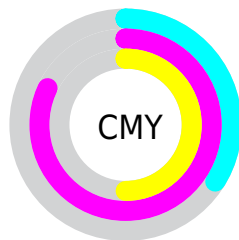
- Red (66%)
- Green (18%)
- Blue (50%)



- Red (66%)
- Yellow (18%)
- Blue (50%)



- Cyan (0%)
- Magenta (72%)
- Yellow (24%)
- Black (34%)





- Cyan (34%)
- Magenta (82%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 59.390, 342.107 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, 59.390, 342.107 by changing the saturation by 10% instead.


 41, 59.390,
342.107


 41, 59.390,
342.107


 100, 59.390,
342.107


 31, 59.390,
342.107

 61, 59.390,
342.107


 21, 59.390,
342.107

 71, 59.390,
342.107

 11, 59.390,
342.107


 81, 59.390,
342.107

 1, 59.390, 342.107

 91, 59.390,
342.107

 0, 59.390, 342.107

 41, 59.390,

 41, 59.390,

342.107

342.107

■ 39, 63.517,
343.589

■ 44, 53.476,
340.857

■ 38, 65.643,
345.387

■ 47, 46.179,
339.773

■ 37, 66.311,
347.001

■ 51, 37.930,
338.807

■ 55, 29.118,
337.930

■ 59, 20.044,
337.119

■ 63, 10.925,
336.357

■ 68, 1.906, 335.524

■ 72, 6.925, 155.072

■ 77, 15.520,
154.431

Harmonies

Complementary

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



41, 59.390, 342.107



61, 60.403, 147.508

Rectangle

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



41, 59.390, 342.107



41, 59.390, 32.107



41, 59.390, 162.107



41, 59.390, 212.107

Sweetspot

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



41, 59.387, 342.107



75, 24.780, 337.140



31, 74.512, 307.853



38, 16.636, 337.344



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, 59.387, 342.107



50, 79.518, 344.712



39, 52.864, 17.586



33, 5.099, 336.144



32, 60.570, 346.741



2, 8.735, 338.965

Inverse Universe

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



41, 59.387, 342.107



50, 79.518, 344.712



62, 38.151, 177.041



33, 5.099, 336.144



32, 60.570, 346.741



2, 8.735, 338.965

Previews

White Background



This preview shows how the CIELCh color 41, 59.390, 342.107 looks on a white background.

Color Contrast Check

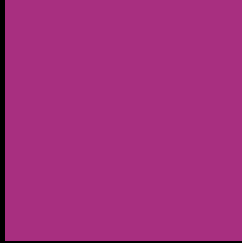
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.390, 342.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

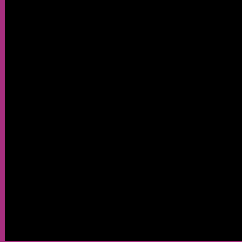
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 59.390, 342.107

Background



This preview shows how black text looks on a background with the CIELCh color 41, 59.390, 342.107.



This preview shows how white text looks on a background with the CIELCh color 41, 59.390, 342.107.

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, 59.390, 342.107

Protanopia

41, 42.549, 286.189

Deuteranopia

41, 15.157, 290.989



Tritanopia
41, 45.416, 24.585

Trichromacy



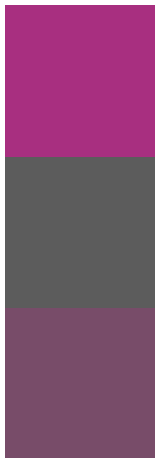
Original Color
41, 59.390, 342.107

Protanomaly
39, 46.096, 307.344

Deuteranomaly
39, 31.792, 325.032

Tritanomaly
41, 46.989, 6.100

Monochromacy



Original Color
41, 59.390, 342.107

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 25.051, 338.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 59.390, 342.107 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(168, 47, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 47, 128)  
}
```

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(168, 47, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 47, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 59.390, 342.107 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(168, 47, 128) }
```

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

```
.border{ border-color:rgb(168, 47, 128) }
```

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

Here you see how a box with a 4 pixel rgb(168, 47, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 47, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 47, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 47,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 59.390, 342.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 47, 128) }
```

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

```
.background{ background-color: rgb(168, 47,  
128) }
```

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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