

Converting Colors

CIELCh(41, 47.571, 10.828)

Have a look what the booklet for
CIELCh(41, 47.571, 10.828) contains.

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Color

CIELCh(41, 47.671, 10.969)

Conversions

Conversions Part 1

Format	Color
Hex	A73A54
RGB	167, 58, 84
RGB Percent	65%, 23%, 33%
CMY	0.3454, 0.7728, 0.6708
CMYK	0.00, 0.65, 0.50, 0.35
HSL	346°, 48%, 44%
HSV	346°, 65%, 65%
XYZ	19.0266, 11.8645, 9.6614
YIQ	93.5550, 56.6180, 31.1940

Conversions

Conversions Part 2

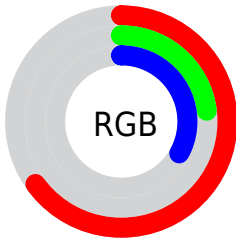
Format	Color
RYB	167, 58, 84
Decimal	10959444
CIELab	41.00, 46.80, 9.07
CIELCh	41, 47.671, 10.969
Yxy	11.8645, 0.4692, 0.2926
Android (android.graphics.Color)	4289149524 (0xFFA73A54)
YUV	93.5550, -4.7106, 64.4113
Hunter-Lab	34.4449, 38.3205, 7.4813

Details

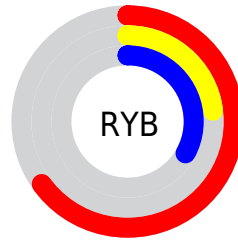
The CIELCh color **41, 47.671, 10.969** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **62, 37.453, 173.218**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 47.719, 11.118**, and **22, 45.794, 13.211** is the 20% darker color. If you saturate the color by 10%, you get **38, 53.971, 14.355**, and if you desaturate by 10%, it is **44, 40.627, 8.289**.

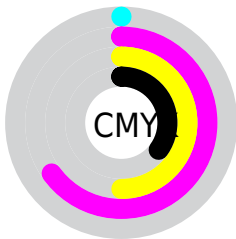
Distribution



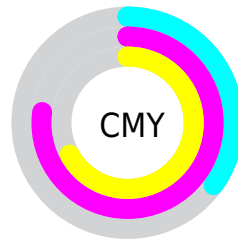
- Red (65%)
- Green (23%)
- Blue (33%)



- Red (65%)
- Yellow (23%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (50%)
- Black (35%)



- Cyan (35%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 47.671, 10.969 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, 47.671, 10.969 by changing the saturation by 10% instead.

41, 47.671, 10.969

41, 47.671, 10.969

100, 47.671,
10.969

31, 47.671, 10.969

61, 47.671, 10.969

21, 47.671, 10.969

71, 47.671, 10.969

11, 47.671, 10.969

81, 47.671, 10.969

1, 47.671, 10.969

91, 47.671, 10.969

0, 47.671, 10.969

41, 47.671, 10.969

41, 47.671, 10.969

38, 53.971, 14.355

44, 40.627, 8.289

36, 59.325, 18.568

48, 33.151, 6.154

35, 63.750, 23.594

52, 25.526, 4.430

35, 65.806, 25.949

57, 17.974, 3.008

61, 10.638, 1.807

66, 3.597, 0.716

71, 3.112, 180.100

76, 9.485, 179.236

80, 15.534,
178.534

Harmonies

Complementary

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



41, 47.671, 10.969



62, 37.453, 173.218

Rectangle

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



41, 47.671, 10.969



41, 47.671, 60.969



41, 47.671, 190.969



41, 47.671, 240.969

Sweetspot

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



41, 47.668, 10.971



75, 17.401, 2.393



40, 67.440, 319.729



38, 12.035, 2.724



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, 47.668, 10.971



49, 68.393, 15.987



46, 43.941, 44.696



33, 3.908, 1.155



30, 59.946, 25.326



1, 6.884, 2.840

Inverse Universe

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



41, 47.668, 10.971



49, 68.393, 15.987



54, 27.032, 233.518



33, 3.908, 1.155



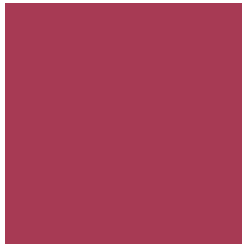
30, 59.946, 25.326



1, 6.884, 2.840

Previews

White Background



This preview shows how the CIELCh color 41, 47.671, 10.969 looks on a white background.

Color Contrast Check

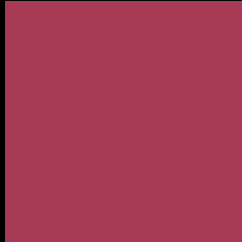
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.671, 10.969 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, 47.671, 10.969

Background



This preview shows how black text looks on a background with the CIELCh color 41, 47.671, 10.969.



This preview shows how white text looks on a background with the CIELCh color 41, 47.671, 10.969.

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, 47.921, 25.951

Trichromacy



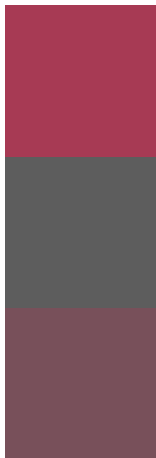
Original Color
41, 47.671, 10.969

Protanomaly
40, 18.573, 355.287

Deuteranomaly
40, 23.658, 22.955

Tritanomaly
41, 47.104, 20.634

Monochromacy



Original Color
41, 47.671, 10.969

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 18.375, 3.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 47.671, 10.969 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, 58, 84)` looks like.

```
.text, #text, p{  
    color:rgb(167, 58, 84)  
}
```

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, 58, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 58, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 47.671, 10.969 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, 58, 84) }
```

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

```
.border{ border-color:rgb(167, 58, 84) }
```

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

Here you see how a box with a 4 pixel rgb(167, 58, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 58, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 58, 84);  
box-shadow:4px 4px 4px 4px rgb(167, 58,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 47.671, 10.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 58, 84) }
```

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

```
.background{ background-color: rgb(167, 58,  
84) }
```

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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