

Converting Colors

CIELCh(41, 42.991, 23.406)

Have a look what the booklet for
CIELCh(41, 42.991, 23.406) contains.

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Color

CIELCh(41, 42.927, 23.119)

Conversions

Conversions Part 1

Format	Color
Hex	A04247
RGB	160, 66, 71
RGB Percent	63%, 26%, 28%
CMY	0.3718, 0.7405, 0.7210
CMYK	0.00, 0.59, 0.56, 0.37
HSL	357°, 42%, 44%
HSV	357°, 59%, 63%
XYZ	17.6334, 11.8645, 7.3465
YIQ	94.6760, 54.4190, 21.4830

Conversions

Conversions Part 2

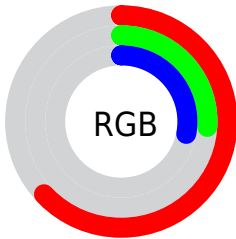
Format	Color
R _Y B	160, 66, 71
Decimal	10502727
CIE Lab	41.00, 39.48, 16.85
CIE LCh	41, 42.927, 23.119
Yxy	11.8645, 0.4786, 0.3220
Android (android.graphics.Color)	4288692807 (0xFFA04247)
YUV	94.6760, -11.6723, 57.2891
Hunter-Lab	34.4449, 31.1010, 11.4660

Details

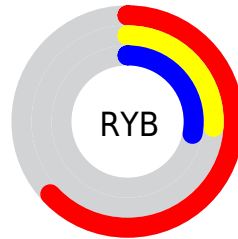
The CIELCh color **41, 42.927, 23.119** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **61, 29.259, 191.296**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 42.951, 23.673**, and **21, 42.743, 22.891** is the 20% darker color. If you saturate the color by 10%, you get **38, 50.848, 26.026**, and if you desaturate by 10%, it is **45, 34.897, 20.825**.

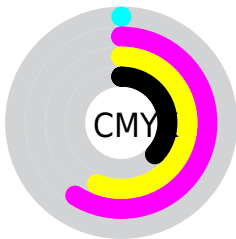
Distribution



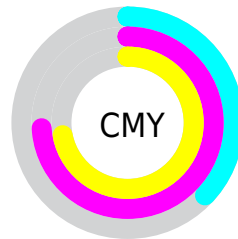
- Red (63%)
- Green (26%)
- Blue (28%)



- Red (63%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (37%)



- Cyan (37%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 42.927, 23.119 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, 42.927, 23.119 by changing the saturation by 10% instead.

41, 42.927, 23.119

41, 42.927, 23.119

100, 42.927,
23.119

31, 42.927, 23.119

61, 42.927, 23.119

21, 42.927, 23.119

71, 42.927, 23.119

11, 42.927, 23.119

81, 42.927, 23.119

1, 42.927, 23.119

91, 42.927, 23.119

0, 42.927, 23.119

41, 42.927, 23.119

41, 42.927, 23.119

38, 50.848, 26.026

45, 34.897, 20.825

36, 58.394, 29.572

49, 27.002, 19.028

■ 34, 65.225, 33.568

■ 53, 19.410, 17.617

■ 33, 70.848, 37.195

■ 57, 12.224, 16.494

■ 33, 71.503, 37.541

■ 62, 5.488, 15.561

■ 67, 0.795, 195.507

■ 71, 6.646, 194.403

■ 76, 12.101,
193.877

■ 81, 17.198,
193.447

Harmonies

Complementary

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



41, 42.927, 23.119



61, 29.259, 191.296

Rectangle

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



41, 42.927, 23.119



41, 42.927, 73.119



41, 42.927, 203.119



41, 42.927, 253.119

Sweetspot

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



41, 42.925, 23.122



73, 14.606, 16.459



43, 60.697, 325.291



37, 10.226, 16.743



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



41, 42.925, 23.122



49, 64.479, 26.906



50, 35.510, 61.653



31, 3.539, 15.610



29, 65.303, 37.023



1, 4.489, 15.231

Inverse Universe

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



41, 42.925, 23.122



49, 64.479, 26.906



48, 27.750, 259.160



31, 3.539, 15.610



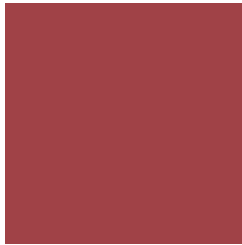
29, 65.303, 37.023



1, 4.489, 15.231

Previews

White Background



This preview shows how the CIELCh color 41, 42.927, 23.119 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, 42.927, 23.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

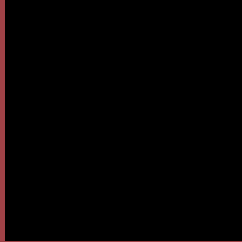
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 42.927, 23.119

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.927, 23.119.



This preview shows how white text looks on a background with the CIELCh color 41, 42.927, 23.119.

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, 42.927, 23.119

Protanopia

41, 7.561, 92.202

Deuteranopia

41, 19.266, 73.482



Tritanopia
41, 42.927, 23.119

Trichromacy



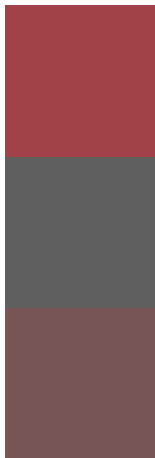
Original Color
41, 42.927, 23.119

Protanomaly
40, 17.380, 33.569

Deuteranomaly
40, 25.107, 41.682

Tritanomaly
41, 42.927, 23.119

Monochromacy



Original Color
41, 42.927, 23.119

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 15.137, 19.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.927, 23.119 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(160, 66, 71)` looks like.

```
.text, #text, p{  
    color:rgb(160, 66, 71)  
}
```

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(160, 66, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 66, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.927, 23.119 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(160, 66, 71) }
```

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

```
.border{ border-color:rgb(160, 66, 71) }
```

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

Here you see how a box with a 4 pixel rgb(160, 66, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 66, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 66, 71);  
box-shadow:4px 4px 4px 4px rgb(160, 66,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.927, 23.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 66, 71) }
```

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

```
.background{ background-color: rgb(160, 66,  
71) }
```

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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