

Converting Colors

CIELCh(41, 48.404, 25.135)

Have a look what the booklet for
CIELCh(41, 48.404, 25.135) contains.

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Color

CIELCh(41, 48.239, 25.472)

Conversions

Conversions Part 1

Format	Color
Hex	A63D41
RGB	166, 61, 65
RGB Percent	65%, 24%, 25%
CMY	0.3483, 0.7601, 0.7445
CMYK	0.00, 0.63, 0.61, 0.35
HSL	358°, 46%, 45%
HSV	358°, 63%, 65%
XYZ	18.3993, 11.8645, 6.3427
YIQ	92.8510, 61.2960, 23.5040

Conversions

Conversions Part 2

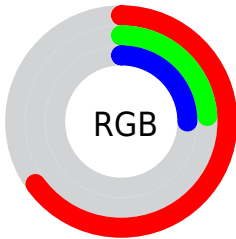
Format	Color
RYB	166, 61, 65
Decimal	10894657
CIELab	41.00, 43.55, 20.75
CIELCh	41, 48.239, 25.472
Yxy	11.8645, 0.5026, 0.3241
Android (android.graphics.Color)	4289084737 (0xFFA63D41)
YUV	92.8510, -13.7305, 64.1517
Hunter-Lab	34.4449, 35.0700, 13.1938

Details

The CIELCh color **41, 48.239, 25.472** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **62, 31.315, 192.641**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 48.473, 25.178**, and **21, 47.838, 25.427** is the 20% darker color. If you saturate the color by 10%, you get **38, 56.396, 28.652**, and if you desaturate by 10%, it is **44, 39.868, 22.926**.

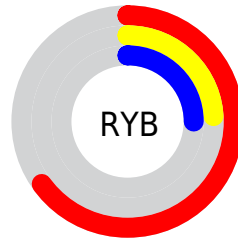
Distribution



Red (65%)

Green (24%)

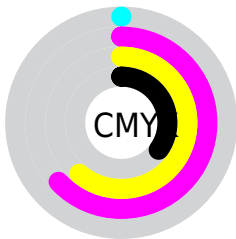
Blue (25%)



Red (65%)

Yellow (24%)

Blue (25%)

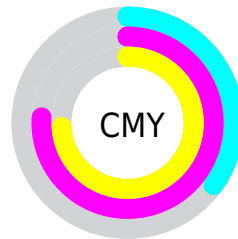


Cyan (0%)

Magenta (63%)

Yellow (61%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 48.239, 25.472 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, 48.239, 25.472 by changing the saturation by 10% instead.

 41, 48.239, 25.472

 41, 48.239, 25.472

 100, 48.239,
25.472

 31, 48.239, 25.472

 61, 48.239, 25.472

 21, 48.239, 25.472

 71, 48.239, 25.472

 11, 48.239, 25.472

 81, 48.239, 25.472

 1, 48.239, 25.472

 91, 48.239, 25.472

 0, 48.239, 25.472

 41, 48.239, 25.472

 41, 48.239, 25.472

 38, 56.396, 28.652

 44, 39.868, 22.926

 36, 64.019, 32.387

 48, 31.560, 20.932

35, 70.564, 36.233

53, 23.520, 19.378

34, 74.162, 38.281

57, 15.884, 18.160

62, 8.716, 17.182

67, 2.034, 16.241

72, 4.179, 195.973

76, 9.957, 195.401

81, 15.340,
194.963

Harmonies

Complementary

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



41, 48.239, 25.472



62, 31.315, 192.641

Rectangle

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



41, 48.239, 25.472



41, 48.239, 75.472



41, 48.239, 205.472



41, 48.239, 255.472

Sweetspot

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



41, 48.237, 25.475



75, 15.935, 17.761



44, 66.486, 325.953



38, 11.164, 18.044



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, 48.237, 25.475



49, 72.759, 30.172



51, 39.836, 62.768



33, 3.725, 16.841



30, 67.682, 37.838



1, 6.584, 16.695

Inverse Universe

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



41, 48.237, 25.475



49, 72.759, 30.172



48, 31.170, 262.802



33, 3.725, 16.841



30, 67.682, 37.838



1, 6.584, 16.695

Previews

White Background



This preview shows how the CIELCh color 41, 48.239, 25.472 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, 48.239, 25.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

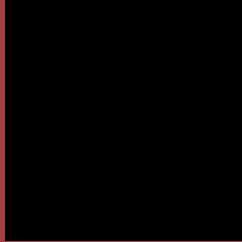
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 48.239, 25.472

Background



This preview shows how black text looks on a background with the CIELCh color 41, 48.239, 25.472.

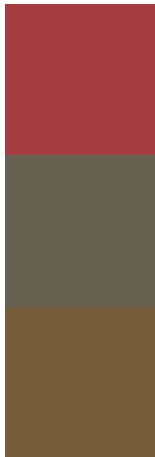


This preview shows how white text looks on a background with the CIELCh color 41, 48.239, 25.472.

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, 48.239, 25.472

Protanopia

41, 10.009, 93.219

Deuteranopia

41, 23.443, 76.278



Tritanopia
41, 48.239, 25.472

Trichromacy



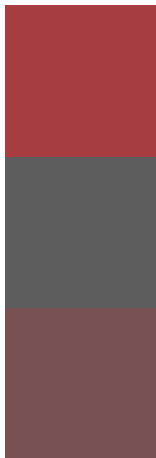
Original Color
41, 48.239, 25.472

Protanomaly
40, 20.455, 37.207

Deuteranomaly
40, 29.584, 44.980

Tritanomaly
41, 48.239, 25.472

Monochromacy



Original Color
41, 48.239, 25.472

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 17.526, 18.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 48.239, 25.472 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(166, 61, 65)` looks like.

```
.text, #text, p{  
    color:rgb(166, 61, 65)  
}
```

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(166, 61, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 61, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 48.239, 25.472 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(166, 61, 65) }
```

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

```
.border{ border-color:rgb(166, 61, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 61, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 61, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 61, 65);  
box-shadow:4px 4px 4px 4px rgb(166, 61,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 48.239, 25.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 61, 65) }
```

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

```
.background{ background-color: rgb(166, 61,  
65) }
```

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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