

Converting Colors

CIELCh(41, 24.578, 23.099)

Have a look what the booklet for
CIELCh(41, 24.578, 23.099) contains.

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Color

CIELCh(41, 24.525, 23.056)

Conversions

Conversions Part 1

Format	Color
Hex	885252
RGB	136, 82, 82
RGB Percent	53%, 32%, 32%
CMY	0.4669, 0.6786, 0.6786
CMYK	0.00, 0.40, 0.40, 0.47
HSL	0°, 25%, 43%
HSV	0°, 40%, 53%
XYZ	14.6783, 11.8645, 9.4889
YIQ	98.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

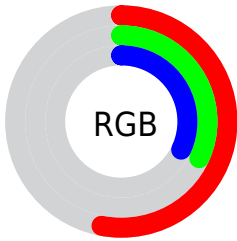
Format	Color
RYB	136, 82, 82
Decimal	8933970
CIELab	41.00, 22.57, 9.60
CIELCh	41, 24.525, 23.056
Yxy	11.8645, 0.4074, 0.3293
Android (android.graphics.Color)	4287124050 (0xFF885252)
YUV	98.1460, -7.9600, 33.1980
Hunter-Lab	34.4449, 15.7869, 7.7782

Details

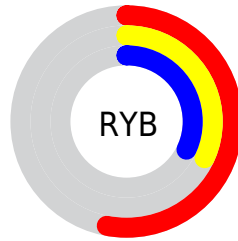
The CIELCh color **41, 24.525, 23.056** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 18.711, 197.582**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 24.575, 23.271**, and **21, 24.582, 24.131** is the 20% darker color. If you saturate the color by 10%, you get **38, 31.657, 24.745**, and if you desaturate by 10%, it is **45, 17.723, 21.758**.

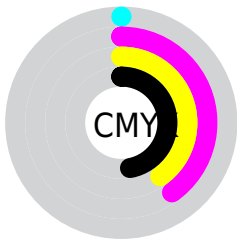
Distribution



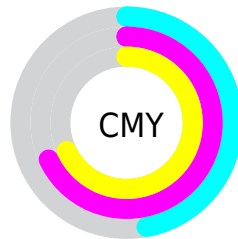
- Red (53%)
- Green (32%)
- Blue (32%)



- Red (53%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (47%)



- Cyan (47%)
- Magenta (68%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 24.525, 23.056 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, 24.525, 23.056 by changing the saturation by 10% instead.

41, 24.525, 23.056

41, 24.525, 23.056

100, 24.525,
23.056

31, 24.525, 23.056

61, 24.525, 23.056

21, 24.525, 23.056

71, 24.525, 23.056

11, 24.525, 23.056

81, 24.525, 23.056

1, 24.525, 23.056

91, 24.525, 23.056

0, 24.525, 23.056

41, 24.525, 23.056

41, 24.525, 23.056

38, 31.657, 24.745

45, 17.723, 21.758

34, 38.983, 26.914

49, 11.331, 20.746

■ 32, 46.300, 29.644

■ 53, 5.376, 19.930

■ 30, 53.324, 32.902

■ 57, 0.150, 202.170

■ 28, 59.585, 36.351

■ 61, 5.271, 198.998

■ 27, 64.309, 38.781

■ 65, 10.025,
198.577

■ 27, 64.440, 38.841

■ 69, 14.450,
198.255

■ 74, 18.583,
197.996

■ 78, 22.460,
197.785

Harmonies

Complementary

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



41, 24.525, 23.056



53, 18.711, 197.582

Rectangle

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



41, 24.525, 23.056



41, 24.525, 73.056



41, 24.525, 203.056



41, 24.525, 253.056

Sweetspot

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



41, 24.523, 23.060



66, 8.276, 20.126



43, 37.747, 326.494



34, 5.555, 20.211



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 24.523, 23.060



49, 37.659, 24.617



48, 20.279, 70.634



27, 3.148, 19.888



27, 63.128, 38.659



0, 1.414, 19.408

Inverse Universe

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



53, 18.711, 197.582



67, 26.703, 197.257



45, 18.183, 261.937



29, 2.978, 199.013



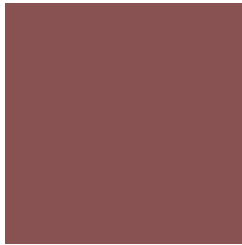
50, 30.837, 196.393



1, 1.414, 199.425

Previews

White Background



This preview shows how the CIELCh color 41, 24.525, 23.056 looks on a white background.

Color Contrast Check

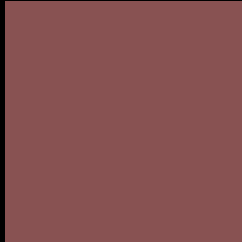
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.525, 23.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

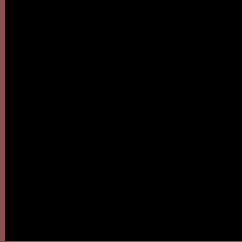
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 24.525, 23.056

Background



This preview shows how black text looks on a background with the CIELCh color 41, 24.525, 23.056.



This preview shows how white text looks on a background with the CIELCh color 41, 24.525, 23.056.

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, 24.525, 23.056

Protanopia

41, 4.554, 87.311

Deuteranopia

41, 11.734, 61.858



Tritanopia
41, 24.634, 14.960

Trichromacy



Original Color
41, 24.525, 23.056

Protanomaly
41, 10.239, 37.628

Deuteranomaly
41, 15.452, 39.243

Tritanomaly
41, 24.706, 17.724

Monochromacy



Original Color
41, 24.525, 23.056

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 8.682, 20.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 24.525, 23.056 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(136, 82, 82)` looks like.

```
.text, #text, p{  
  color:rgb(136, 82, 82)  
}
```

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(136, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 82, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 24.525, 23.056 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(136, 82, 82) }
```

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

```
.border{ border-color:rgb(136, 82, 82) }
```

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

Here you see how a box with a 4 pixel rgb(136, 82, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 82,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 24.525, 23.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 82, 82) }
```

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

```
.background{ background-color: rgb(136, 82,  
82) }
```

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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