

Converting Colors

CIELCh(36, 39.530, 24.423)

Have a look what the booklet for
CIELCh(36, 39.530, 24.423) contains.

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Color

CIELCh(36, 39.961, 24.533)

Conversions

Conversions Part 1

Format	Color
Hex	8E393C
RGB	142, 57, 60
RGB Percent	56%, 22%, 24%
CMY	0.4430, 0.7764, 0.7646
CMYK	0.00, 0.60, 0.58, 0.44
HSL	358°, 43%, 39%
HSV	358°, 60%, 56%
XYZ	13.4403, 9.0082, 5.3083
YIQ	82.7570, 49.6970, 18.9530

Conversions

Conversions Part 2

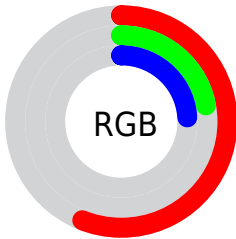
Format	Color
R_{YB}	142, 57, 60
Decimal	9320764
CIE _{Lab}	36.00, 36.35, 16.59
CIE _{LCh}	36, 39.961, 24.533
Yxy	9.0082, 0.4842, 0.3245
Android (android.graphics.Color)	4287510844 (0xFF8E393C)
YUV	82.7570, -11.2192, 51.9561
Hunter-Lab	30.0136, 27.4096, 10.5233

Details

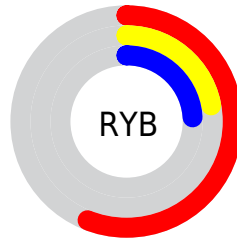
The CIELCh color **36, 39.961, 24.533** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **54, 26.707, 193.131**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 40.364, 24.409**, and **16, 40.219, 24.613** is the 20% darker color. If you saturate the color by 10%, you get **33, 47.265, 27.402**, and if you desaturate by 10%, it is **39, 32.577, 22.260**.

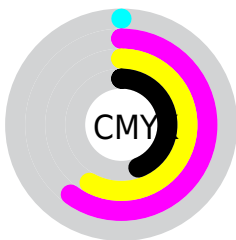
Distribution



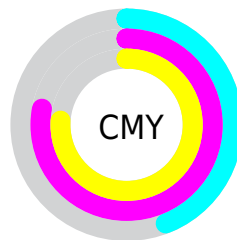
- Red (56%)
- Green (22%)
- Blue (24%)



- Red (56%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (44%)



- Cyan (44%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 39.961, 24.533 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 36, 39.961, 24.533 by changing the saturation by 10% instead.

■ 36, 39.961, 24.533

■ 36, 39.961, 24.533

■ 100, 39.961,
24.533

■ 26, 39.961, 24.533

■ 56, 39.961, 24.533

■ 16, 39.961, 24.533

■ 66, 39.961, 24.533

■ 6, 39.961, 24.533

■ 76, 39.961, 24.533

■ 0, 39.961, 24.533

■ 86, 39.961, 24.533

■ 96, 39.961, 24.533

■ 36, 39.961, 24.533

■ 36, 39.961, 24.533

■ 33, 47.265, 27.402

■ 39, 32.577, 22.260

31, 54.238, 30.865

43, 25.333, 20.481

30, 60.518, 34.680

47, 18.378, 19.090

29, 65.533, 37.685

51, 11.805, 17.991

29, 65.604, 37.720

55, 5.650, 17.089

59, 0.084, 201.533

63, 5.418, 195.987

68, 10.383,
195.484

72, 15.017,
195.083

Harmonies

Complementary

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



36, 39.961, 24.533



54, 26.707, 193.131

Rectangle

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



36, 39.961, 24.533



36, 39.961, 74.533



36, 39.961, 204.533



36, 39.961, 254.533

Sweetspot

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



36, 39.959, 24.536



65, 13.133, 17.848



38, 56.131, 325.825



33, 9.178, 18.102



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



36, 39.959, 24.536



43, 60.235, 28.602



45, 32.871, 63.228



28, 3.247, 17.033



27, 63.013, 37.397



0, 2.125, 16.475

Inverse Universe

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



36, 39.959, 24.536



43, 60.235, 28.602



42, 26.146, 261.450



28, 3.247, 17.033



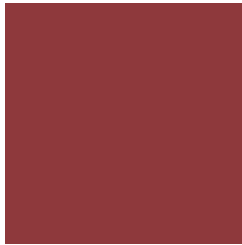
27, 63.013, 37.397



0, 2.125, 16.475

Previews

White Background



This preview shows how the CIELCh color 36, 39.961, 24.533 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 39.961, 24.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

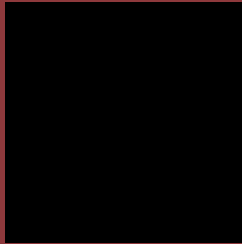
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 39.961, 24.533

Background



This preview shows how black text looks on a background with the CIELCh color 36, 39.961, 24.533.



This preview shows how white text looks on a background with the CIELCh color 36, 39.961, 24.533.

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

36, 39.961, 24.533

Protanopia

36, 7.740, 91.976

Deuteranopia

36, 19.179, 75.332



Tritanopia
36, 39.791, 23.692

Trichromacy



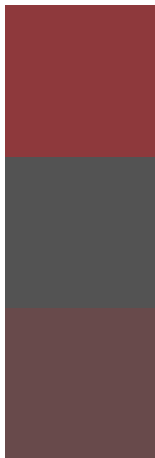
Original Color
36, 39.961, 24.533

Protanomaly
35, 16.710, 36.534

Deuteranomaly
36, 24.177, 45.878

Tritanomaly
36, 39.791, 23.692

Monochromacy



Original Color
36, 39.961, 24.533

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 13.667, 19.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 39.961, 24.533 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(142, 57, 60)` looks like.

```
.text, #text, p{  
    color:rgb(142, 57, 60)  
}
```

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(142, 57, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 57, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 39.961, 24.533 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(142, 57, 60) }
```

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

```
.border{ border-color:rgb(142, 57, 60) }
```

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

Here you see how a box with a 4 pixel rgb(142, 57, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 57, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 57, 60);  
box-shadow:4px 4px 4px 4px rgb(142, 57,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 39.961, 24.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 57, 60) }
```

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

```
.background{ background-color: rgb(142, 57,  
60) }
```

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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