

Converting Colors

CIELCh(41, 53.295, 34.255)

Have a look what the booklet for
CIELCh(41, 53.295, 34.255) contains.

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Color

CIELCh(41, 53.402, 34.266)

Conversions

Conversions Part 1

Format	Color
Hex	A93C32
RGB	169, 60, 50
RGB Percent	66%, 24%, 20%
CMY	0.3379, 0.7652, 0.8044
CMYK	0.00, 0.65, 0.70, 0.34
HSL	5°, 54%, 43%
HSV	5°, 70%, 66%
XYZ	18.5108, 11.8645, 4.3190
YIQ	91.4510, 68.1740, 19.9980

Conversions

Conversions Part 2

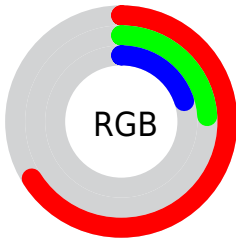
Format	Color
RYB	169, 61, 50
Decimal	11090994
CIELab	41.00, 44.13, 30.07
CIElCh	41, 53.402, 34.266
Yxy	11.8645, 0.5335, 0.3420
Android (android.graphics.Color)	4289281074 (0xFFA93C32)
YUV	91.4510, -20.4353, 68.0105
Hunter-Lab	34.4449, 35.6480, 16.6771

Details

The CIELCh color **41, 53.402, 34.266** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **60, 30.234, 207.799**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 53.636, 33.904**, and **21, 52.828, 35.084** is the 20% darker color. If you saturate the color by 10%, you get **38, 61.965, 36.631**, and if you desaturate by 10%, it is **44, 44.661, 32.240**.

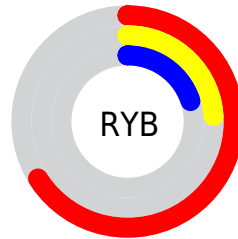
Distribution



Red (66%)

Green (24%)

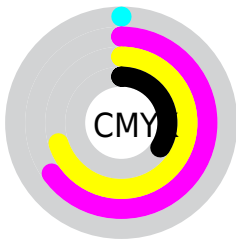
Blue (20%)



Red (66%)

Yellow (24%)

Blue (20%)

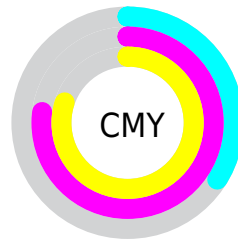


Cyan (0%)

Magenta (65%)

Yellow (70%)

Black (34%)



Cyan (34%)

Magenta (77%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 53.402, 34.266 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, 53.402, 34.266 by changing the saturation by 10% instead.

■ 41, 53.402, 34.266

■ 41, 53.402, 34.266

■ 100, 53.402,
34.266

■ 31, 53.402, 34.266

■ 61, 53.402, 34.266

■ 21, 53.402, 34.266

■ 71, 53.402, 34.266

■ 11, 53.402, 34.266

■ 81, 53.402, 34.266

■ 1, 53.402, 34.266

■ 91, 53.402, 34.266

■ 0, 53.402, 34.266

■ 41, 53.402, 34.266

■ 41, 53.402, 34.266

■ 38, 61.965, 36.631

■ 44, 44.661, 32.240

■ 37, 69.640, 38.951

■ 48, 36.099, 30.626

35, 75.469, 40.956

52, 27.912, 29.392

56, 20.210, 28.471

60, 13.038, 27.792

64, 6.399, 27.279

69, 0.268, 25.192

74, 5.397, 206.898

78, 10.641,
206.716

Harmonies

Complementary

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



41, 53.402, 34.266



60, 30.234, 207.799

Rectangle

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



41, 53.402, 34.266



41, 53.402, 84.266



41, 53.402, 214.266



41, 53.402, 264.266

Sweetspot

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



41, 53.400, 34.269



76, 16.621, 27.847



43, 69.175, 330.593



38, 11.353, 28.010



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, 53.400, 34.269



49, 81.183, 38.089



54, 46.224, 74.250



33, 3.438, 27.223



31, 67.883, 40.693



2, 6.127, 25.874

Inverse Universe

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



60, 30.234, 207.799



75, 39.560, 209.228



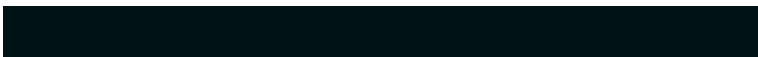
42, 42.748, 279.520



35, 3.242, 206.882



51, 30.179, 210.733



5, 5.904, 210.175

Previews

White Background



This preview shows how the CIELCh color 41, 53.402, 34.266 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 CIELCh color 41, 53.402, 34.266 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, 53.402, 34.266

Background



This preview shows how black text looks on a background with the CIELCh color 41, 53.402, 34.266.



This preview shows how white text looks on a background with the CIELCh color 41, 53.402, 34.266.

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, 53.402, 34.266

Protanopia

41, 21.230, 96.784

Deuteranopia

41, 32.457, 80.327



Tritanopia
41, 51.039, 26.357

Trichromacy



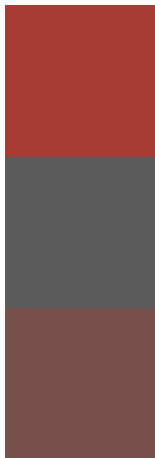
Original Color
41, 53.402, 34.266

Protanomaly
40, 27.677, 55.422

Deuteranomaly
40, 36.624, 55.981

Tritanomaly
41, 51.619, 29.250

Monochromacy



Original Color
41, 53.402, 34.266

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 18.202, 29.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 53.402, 34.266 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(169, 60, 50)` looks like.

```
.text, #text, p{  
    color:rgb(169, 60, 50)  
}
```

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(169, 60, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 60, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 53.402, 34.266 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(169, 60, 50) }
```

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

```
.border{ border-color:rgb(169, 60, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 60, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 60, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 60, 50);  
box-shadow:4px 4px 4px 4px rgb(169, 60,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 53.402, 34.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 60, 50) }
```

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

```
.background{ background-color: rgb(169, 60,  
50) }
```

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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