

Converting Colors

CIELCh(44, 40.847, 25.716)

Have a look what the booklet for
CIELCh(44, 40.847, 25.716) contains.

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Color

CIELCh(44, 41.063, 25.072)

Conversions

Conversions Part 1

Format	Color
Hex	A64C4D
RGB	166, 76, 77
RGB Percent	65%, 30%, 30%
CMY	0.3486, 0.7016, 0.6977
CMYK	0.00, 0.54, 0.54, 0.35
HSL	359°, 37%, 47%
HSV	359°, 54%, 65%
XYZ	19.6828, 13.8382, 8.6713
YIQ	103.0240, 53.3190, 19.3910

Conversions

Conversions Part 2

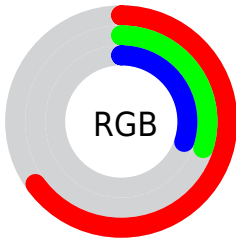
Format	Color
RYB	166, 76, 77
Decimal	10898509
CIELab	44.00, 37.19, 17.40
CIElCh	44, 41.063, 25.072
Yxy	13.8382, 0.4665, 0.3280
Android (android.graphics.Color)	4289088589 (0xFFA64C4D)
YUV	103.0240, -12.8298, 55.2300
Hunter-Lab	37.1997, 29.3469, 12.2192

Details

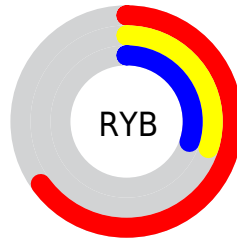
The CIELCh color **44, 41.063, 25.072** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **63, 27.956, 195.907**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 41.048, 25.341**, and **24, 40.887, 24.940** is the 20% darker color. If you saturate the color by 10%, you get **41, 49.631, 27.620**, and if you desaturate by 10%, it is **48, 32.579, 23.085**.

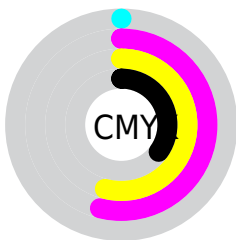
Distribution



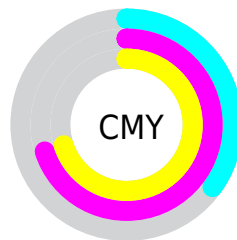
- Red (65%)
- Green (30%)
- Blue (30%)



- Red (65%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (35%)





















- Cyan (35%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 41.063, 25.072 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 44, 41.063, 25.072 by changing the saturation by 10% instead.

 44, 41.063, 25.072	 44, 41.063, 25.072
 100, 41.063, 25.072	 34, 41.063, 25.072
 64, 41.063, 25.072	 24, 41.063, 25.072
 74, 41.063, 25.072	 14, 41.063, 25.072
 84, 41.063, 25.072	 4, 41.063, 25.072
 94, 41.063, 25.072	 0, 41.063, 25.072

 44, 41.063, 25.072	 44, 41.063, 25.072
 41, 49.631, 27.620	 48, 32.579, 23.085
 38, 58.001, 30.765	 52, 24.399, 21.548

36, 65.767, 34.353

57, 16.654, 20.357

35, 72.131, 37.762

61, 9.407, 19.418

34, 75.228, 39.386

66, 2.672, 18.572

71, 3.571, 198.317

76, 9.360, 197.778

81, 14.739,
197.390

86, 19.755,
197.079

Harmonies

Complementary

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



44, 41.063, 25.072



63, 27.956, 195.907

Rectangle

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



44, 41.063, 25.072



44, 41.063, 75.072



44, 41.063, 205.072



44, 41.063, 255.072

Sweetspot

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



44, 41.061, 25.075



77, 13.282, 19.600



47, 58.832, 326.673



40, 9.107, 19.777



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



44, 41.061, 25.075



52, 62.602, 28.207



54, 33.573, 67.086



33, 3.723, 19.017



30, 68.632, 38.924



1, 6.574, 18.618

Inverse Universe

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



44, 41.061, 25.075



52, 62.602, 28.207



50, 28.243, 263.973



33, 3.723, 19.017



30, 68.632, 38.924



1, 6.574, 18.618

Previews

White Background



This preview shows how the CIELCh color 44, 41.063, 25.072 looks on a white background.

Color Contrast Check

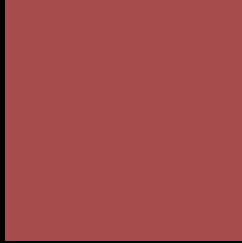
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 41.063, 25.072 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 44, 41.063, 25.072

Background



This preview shows how black text looks on a background with the CIELCh color 44, 41.063, 25.072.

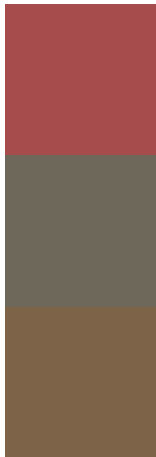


This preview shows how white text looks on a background with the CIELCh color 44, 41.063, 25.072.

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

44, 41.063, 25.072

Protanopia

44, 8.739, 91.561

Deuteranopia

44, 20.057, 72.388



Tritanopia
44, 40.473, 21.870

Trichromacy



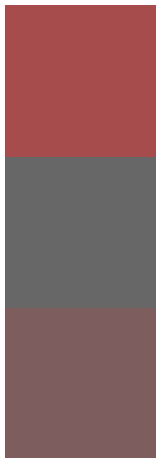
Original Color
44, 41.063, 25.072

Protanomaly
43, 17.285, 39.272

Deuteranomaly
44, 25.534, 45.010

Tritanomaly
44, 40.607, 22.680

Monochromacy



Original Color
44, 41.063, 25.072

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.431, 19.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 41.063, 25.072 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, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(166, 76, 77)  
}
```

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, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 76, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 41.063, 25.072 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, 76, 77) }
```

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

```
.border{ border-color:rgb(166, 76, 77) }
```

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

Here you see how a box with a 4 pixel rgb(166, 76, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(166, 76,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 41.063, 25.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 76, 77) }
```

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

```
.background{ background-color: rgb(166, 76,  
77) }
```

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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