

Converting Colors

CIELCh(44, 40.131, 25.588)

Have a look what the booklet for
CIELCh(44, 40.131, 25.588) contains.

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Color

CIELCh(44, 40.268, 25.655)

Conversions

Conversions Part 1

Format	Color
Hex	A54D4D
RGB	165, 77, 77
RGB Percent	65%, 30%, 30%
CMY	0.3530, 0.6981, 0.6981
CMYK	0.00, 0.53, 0.53, 0.35
HSL	0°, 36%, 47%
HSV	0°, 53%, 65%
XYZ	19.5046, 13.8382, 8.6612
YIQ	103.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

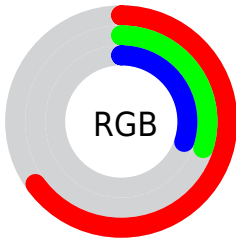
Format	Color
RYB	165, 77, 77
Decimal	10833229
CIELab	44.00, 36.30, 17.43
CIELCh	44, 40.268, 25.655
Yxy	13.8382, 0.4644, 0.3294
Android (android.graphics.Color)	4289023309 (0xFFA54D4D)
YUV	103.3120, -12.9718, 54.1004
Hunter-Lab	37.1997, 28.4916, 12.2353

Details

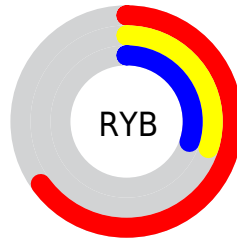
The CIELCh color **44, 40.268, 25.655** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **63, 27.386, 197.099**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 40.202, 25.283**, and **24, 40.322, 25.883** is the 20% darker color. If you saturate the color by 10%, you get **41, 48.877, 28.120**, and if you desaturate by 10%, it is **48, 31.785, 23.739**.

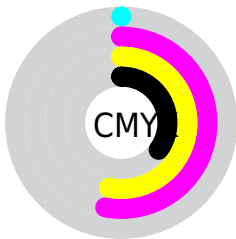
Distribution



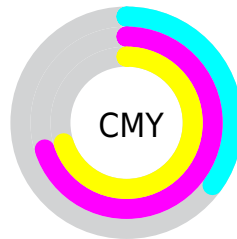
- Red (65%)
- Green (30%)
- Blue (30%)



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



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (35%)

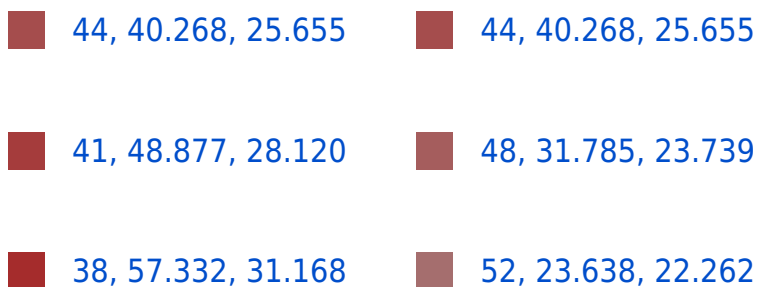
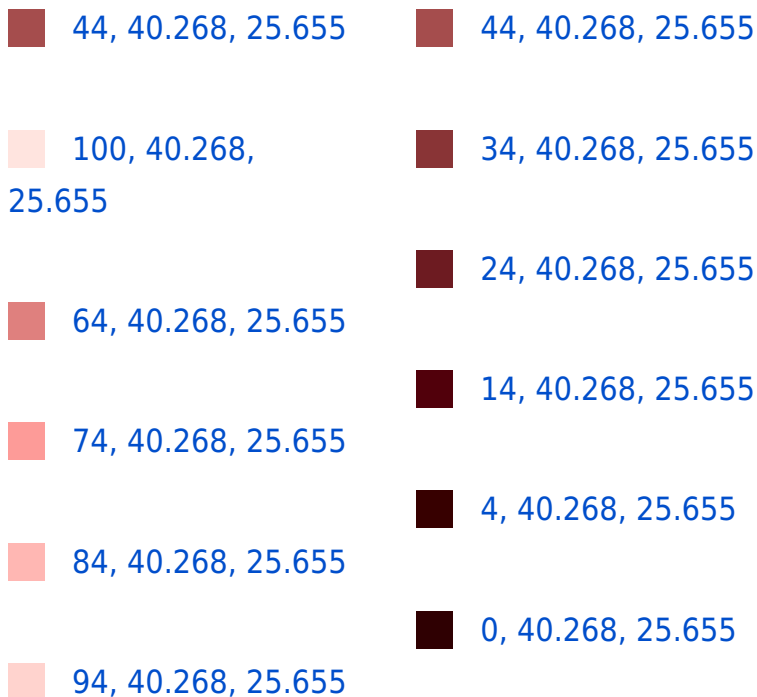


- Cyan (35%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 40.268, 25.655 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, 40.268, 25.655 by changing the saturation by 10% instead.



■ 36, 65.215, 34.649

■ 57, 15.948, 21.123

■ 35, 71.694, 37.942

■ 61, 8.771, 20.228

■ 34, 75.279, 39.810

■ 66, 2.111, 19.380

■ 71, 4.054, 199.194

■ 76, 9.765, 198.704

■ 81, 15.068,
198.350

■ 86, 20.011,
198.069

Harmonies

Complementary

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



44, 40.268, 25.655



63, 27.386, 197.099

Rectangle

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



44, 40.268, 25.655



44, 40.268, 75.655



44, 40.268, 205.655



44, 40.268, 255.655

Sweetspot

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



44, 40.266, 25.658



76, 13.163, 20.473



47, 57.880, 327.143



39, 8.938, 20.642



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



44, 40.266, 25.658



52, 61.273, 28.636



54, 32.924, 68.843



32, 3.629, 19.907



30, 68.063, 39.265



1, 5.463, 19.408

Inverse Universe

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



63, 27.386, 197.099



79, 37.789, 196.796



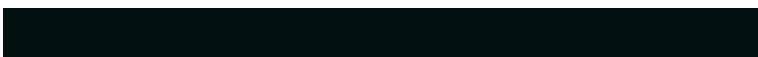
49, 28.263, 265.613



34, 3.427, 198.998



54, 32.964, 196.393



4, 5.463, 199.427

Previews

White Background



This preview shows how the CIELCh color 44, 40.268, 25.655 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 44, 40.268, 25.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

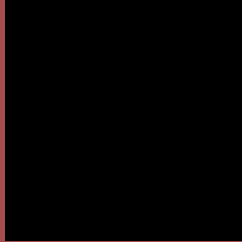
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 40.268, 25.655

Background



This preview shows how black text looks on a background with the CIELCh color 44, 40.268, 25.655.



This preview shows how white text looks on a background with the CIELCh color 44, 40.268, 25.655.

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, 40.268, 25.655

Protanopia

44, 8.739, 91.561

Deuteranopia

44, 20.057, 72.388



Tritanopia
44, 39.914, 20.928

Trichromacy



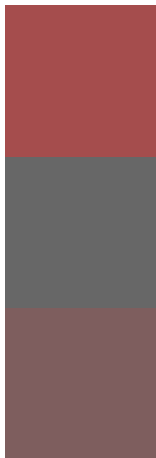
Original Color
44, 40.268, 25.655

Protanomaly
43, 17.285, 39.272

Deuteranomaly
44, 25.366, 46.479

Tritanomaly
44, 40.169, 22.574

Monochromacy



Original Color
44, 40.268, 25.655

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 14.000, 21.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 40.268, 25.655 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(165, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(165, 77, 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(165, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 77, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 40.268, 25.655 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(165, 77, 77) }
```

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

```
.border{ border-color:rgb(165, 77, 77) }
```

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

Here you see how a box with a 4 pixel rgb(165, 77, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(165, 77,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 40.268, 25.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 77, 77) }
```

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

```
.background{ background-color: rgb(165, 77,  
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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