

Converting Colors

CIELCh(44, 40.353, 28.989)

Have a look what the booklet for
CIELCh(44, 40.353, 28.989) contains.

CIELCh(44, 40.244, 29.457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 40.244, 29.457)

Conversions

Conversions Part 1

Format	Color
Hex	A44E49
RGB	164, 78, 73
RGB Percent	64%, 31%, 29%
CMY	0.3566, 0.6939, 0.7135
CMYK	0.00, 0.52, 0.55, 0.36
HSL	3°, 38%, 46%
HSV	3°, 55%, 64%
XYZ	19.2563, 13.8382, 7.9686
YIQ	103.1440, 52.8610, 16.6770

Conversions

Conversions Part 2

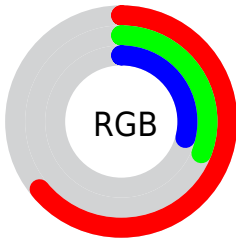
Format	Color
RYB	164, 78, 73
Decimal	10767945
CIELab	44.00, 35.04, 19.79
CIELCh	44, 40.244, 29.457
Yxy	13.8382, 0.4689, 0.3370
Android (android.graphics.Color)	4288958025 (0xFFA44E49)
YUV	103.1440, -14.8610, 53.3707
Hunter-Lab	37.1997, 27.3002, 13.3392




Details

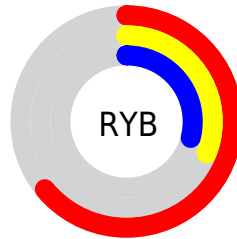
The CIELCh color **44, 40.244, 29.457** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **61, 26.435, 203.364**, and the grayscale version is **44, 0.006, 296.813**.




A 20% lighter version of the original color is **64, 40.057, 28.987**, and **24, 40.578, 29.632** is the 20% darker color. If you saturate the color by 10%, you get **41, 48.770, 31.540**, and if you desaturate by 10%, it is **48, 31.939, 27.834**.

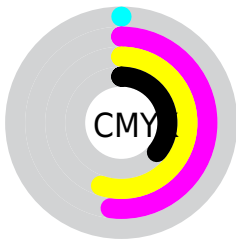
Distribution







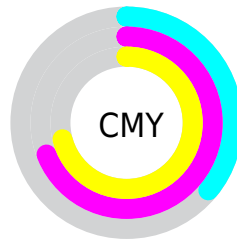
-  Red (64%)
-  Green (31%)
-  Blue (29%)






-  Red (64%)
-  Yellow (31%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (52%)
-  Yellow (55%)
-  Black (36%)



-  Cyan (36%)
-  Magenta (69%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 40.244, 29.457 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, 40.244, 29.457 by changing the saturation by 10% instead.

■ 44, 40.244, 29.457

■ 44, 40.244, 29.457

■ 100, 40.244,
29.457

■ 34, 40.244, 29.457

■ 64, 40.244, 29.457

■ 24, 40.244, 29.457

■ 74, 40.244, 29.457

■ 14, 40.244, 29.457

■ 84, 40.244, 29.457

■ 4, 40.244, 29.457

■ 94, 40.244, 29.457

■ 0, 40.244, 29.457

■ 44, 40.244, 29.457

■ 44, 40.244, 29.457

■ 41, 48.770, 31.540

■ 48, 31.939, 27.834

■ 38, 57.251, 34.075

■ 52, 24.027, 26.593

■ 36, 65.212, 36.865

■ 56, 16.598, 25.655

■ 35, 71.684, 39.304

■ 60, 9.689, 24.942

■ 34, 74.204, 40.517

■ 65, 3.293, 24.333

■ 69, 2.618, 204.286

■ 74, 8.086, 203.888

■ 79, 13.157,
203.668

■ 83, 17.876,
203.520

Harmonies

Complementary

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



44, 40.244, 29.457



61, 26.435, 203.364

Rectangle

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



44, 40.244, 29.457



44, 40.244, 79.457



44, 40.244, 209.457



44, 40.244, 259.457

Sweetspot

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



44, 40.242, 29.460



76, 13.323, 25.060



46, 57.644, 328.760



39, 8.963, 25.186



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, 40.242, 29.460



52, 62.379, 32.203



55, 34.755, 73.404



32, 3.440, 24.570



30, 67.314, 40.154



1, 5.201, 23.772

Inverse Universe

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



61, 26.435, 203.364



76, 36.485, 203.645



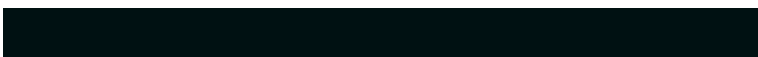
47, 31.254, 271.494



34, 3.245, 204.022



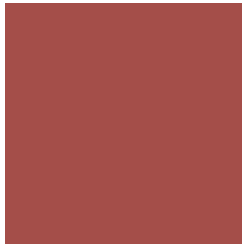
52, 30.700, 205.402



4, 5.093, 205.906

Previews

White Background



This preview shows how the CIELCh color 44, 40.244, 29.457 looks on a white background.

Color Contrast Check

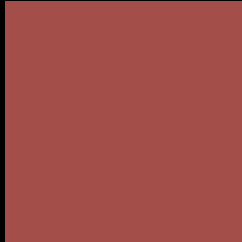
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.244, 29.457 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, 40.244, 29.457

Background



This preview shows how black text looks on a background with the CIELCh color 44, 40.244, 29.457.



This preview shows how white text looks on a background with the CIELCh color 44, 40.244, 29.457.

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, 40.244, 29.457

Protanopia

44, 11.730, 93.203

Deuteranopia

44, 22.360, 74.349



Tritanopia
44, 39.532, 21.567

Trichromacy



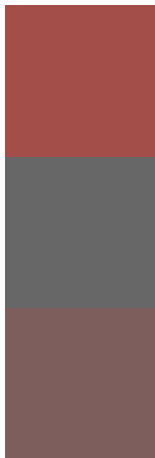
Original Color
44, 40.244, 29.457

Protanomaly
44, 18.296, 47.994

Deuteranomaly
44, 26.790, 50.505

Tritanomaly
44, 39.946, 24.040

Monochromacy



Original Color
44, 40.244, 29.457

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 13.719, 26.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 40.244, 29.457 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(164, 78, 73)` looks like.

```
.text, #text, p{  
    color:rgb(164, 78, 73)  
}
```

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(164, 78, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 78, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 40.244, 29.457 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(164, 78, 73) }
```

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

```
.border{ border-color:rgb(164, 78, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 78, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 78, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 78, 73);  
box-shadow:4px 4px 4px 4px rgb(164, 78,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 40.244, 29.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 78, 73) }
```

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

```
.background{ background-color: rgb(164, 78,  
73) }
```

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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