

Converting Colors

CIELCh(40, 32.524, 25.600)

Have a look what the booklet for
CIELCh(40, 32.524, 25.600) contains.

CIELCh(40, 32.524, 25.600)	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(40, 32.524, 25.600)

Conversions

Conversions Part 1

Format	Color
Hex	904A49
RGB	144, 74, 73
RGB Percent	56%, 29%, 29%
CMY	0.4363, 0.7107, 0.7146
CMYK	0.00, 0.49, 0.49, 0.44
HSL	1°, 33%, 42%
HSV	1°, 49%, 56%
XYZ	15.0849, 11.2510, 7.6420
YIQ	94.8160, 42.0410, 14.5290

Conversions

Conversions Part 2

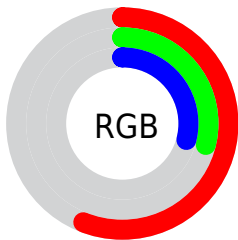
Format	Color
R_{YB}	144, 74, 73
Decimal	9456201
CIE Lab	40.00, 29.33, 14.05
CIE LCh	40, 32.524, 25.600
Yxy	11.2510, 0.4440, 0.3311
Android (android.graphics.Color)	4287646281 (0xFF904A49)
YUV	94.8160, -10.7553, 43.1344
Hunter-Lab	33.5425, 21.5769, 9.9716

Details

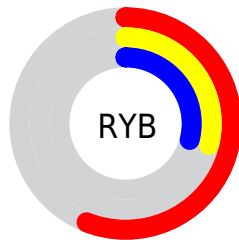
The CIELCh color **40, 32.524, 25.600** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **55, 22.867, 198.709**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **60, 32.746, 24.930**, and **20, 32.826, 25.890** is the 20% darker color. If you saturate the color by 10%, you get **37, 40.162, 27.673**, and if you desaturate by 10%, it is **44, 25.117, 23.999**.

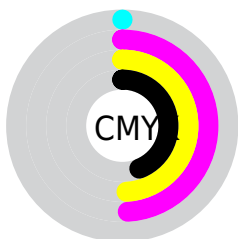
Distribution



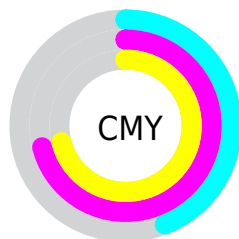
- Red (56%)
- Green (29%)
- Blue (29%)



- Red (56%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (49%)
- Black (44%)



- Cyan (44%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 32.524, 25.600 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 40, 32.524, 25.600 by changing the saturation by 10% instead.

40, 32.524, 25.600

40, 32.524, 25.600

100, 32.524,
25.600

30, 32.524, 25.600

60, 32.524, 25.600

20, 32.524, 25.600

70, 32.524, 25.600

10, 32.524, 25.600

80, 32.524, 25.600

0, 32.524, 25.600

90, 32.524, 25.600

40, 32.524, 25.600

40, 32.524, 25.600

37, 40.162, 27.673

44, 25.117, 23.999

34, 47.831, 30.279

47, 18.080, 22.765

■ 32, 55.238, 33.388

■ 52, 11.481, 21.810

■ 30, 61.876, 36.670

■ 56, 5.342, 21.042

■ 29, 66.948, 39.284

■ 60, 0.348, 201.809

■ 29, 67.257, 39.431

■ 64, 5.617, 200.202

■ 69, 10.505,
199.821

■ 73, 15.053,
199.536

■ 77, 19.300,
199.313

Harmonies

Complementary

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



40, 32.524, 25.600



55, 22.867, 198.709

Rectangle

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



40, 32.524, 25.600



40, 32.524, 75.600



40, 32.524, 205.600



40, 32.524, 255.600

Sweetspot

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



40, 32.522, 25.603



68, 10.811, 21.483



42, 48.367, 326.948



35, 7.488, 21.632



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



40, 32.522, 25.603



48, 49.384, 27.874



48, 26.967, 69.416



28, 3.201, 21.028



27, 63.936, 39.053



0, 2.091, 20.587

Inverse Universe

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



55, 22.867, 198.709



69, 31.728, 198.499



45, 23.466, 264.349



30, 3.025, 200.231



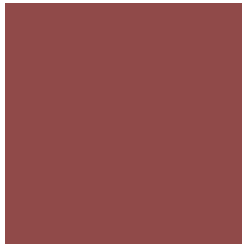
50, 30.668, 198.525



2, 2.091, 200.605

Previews

White Background



This preview shows how the CIELCh color 40, 32.524, 25.600 looks on a white background.

Color Contrast Check

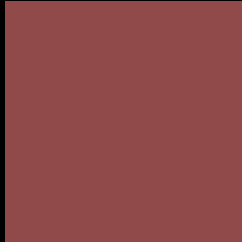
Large Text (above 18pt) WCAG AA ✓ Pass

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 40, 32.524, 25.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

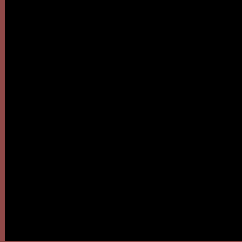
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 32.524, 25.600

Background



This preview shows how black text looks on a background with the CIELCh color 40, 32.524, 25.600.

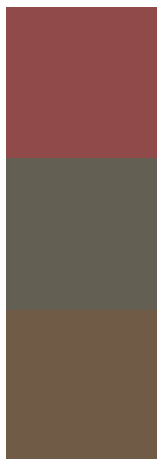


This preview shows how white text looks on a background with the CIELCh color 40, 32.524, 25.600.

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

40, 32.524, 25.600

Protanopia

40, 7.473, 95.424

Deuteranopia

40, 16.224, 70.994



Tritanopia
40, 32.280, 19.563

Trichromacy



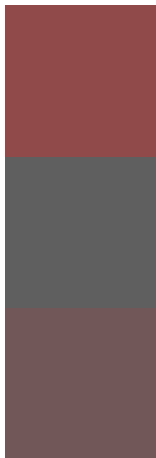
Original Color
40, 32.524, 25.600

Protanomaly
40, 13.754, 41.480

Deuteranomaly
40, 20.504, 45.681

Tritanomaly
40, 32.491, 21.648

Monochromacy



Original Color
40, 32.524, 25.600

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 11.486, 21.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 32.524, 25.600 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(144, 74, 73)` looks like.

```
.text, #text, p{  
    color:rgb(144, 74, 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(144, 74, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 74, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 32.524, 25.600 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(144, 74, 73) }
```

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

```
.border{ border-color:rgb(144, 74, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 74, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 74, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 74, 73);  
box-shadow:4px 4px 4px 4px rgb(144, 74,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 32.524, 25.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 74, 73) }
```

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

```
.background{ background-color: rgb(144, 74,  
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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