

Converting Colors

CIELCh(52, 40.502, 23.571)

Have a look what the booklet for
CIELCh(52, 40.502, 23.571) contains.

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Color

CIELCh(52, 40.448, 24.015)

Conversions

Conversions Part 1

Format	Color
Hex	BD6162
RGB	189, 97, 98
RGB Percent	74%, 38%, 38%
CMY	0.2602, 0.6208, 0.6168
CMYK	0.00, 0.49, 0.48, 0.26
HSL	359°, 41%, 56%
HSV	359°, 49%, 74%
XYZ	27.3381, 20.1443, 13.9314
YIQ	124.6220, 54.5110, 19.8150

Conversions

Conversions Part 2

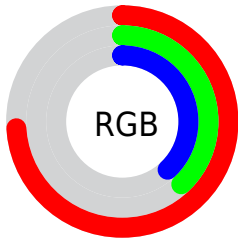
Format	Color
RYB	189, 97, 98
Decimal	12411234
CIELab	52.00, 36.95, 16.46
CIElCh	52, 40.448, 24.015
Yxy	20.1443, 0.4451, 0.3280
Android (android.graphics.Color)	4290601314 (0xFFBD6162)
YUV	124.6220, -13.1246, 56.4595
Hunter-Lab	44.8824, 30.1810, 13.0143

Details

The CIELCh color **52, 40.448, 24.015** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 28.660, 196.092**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 40.124, 24.037**, and **32, 40.382, 23.961** is the 20% darker color. If you saturate the color by 10%, you get **48, 49.938, 26.299**, and if you desaturate by 10%, it is **57, 31.182, 22.253**.

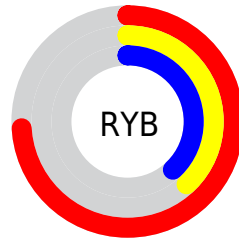
Distribution



Red (74%)

Green (38%)

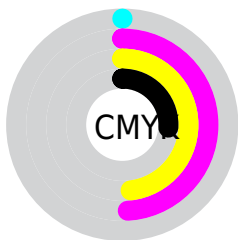
Blue (38%)



Red (74%)

Yellow (38%)

Blue (38%)

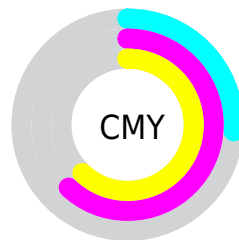


Cyan (0%)

Magenta (49%)

Yellow (48%)

Black (26%)



Cyan (26%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 40.448, 24.015 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 52, 40.448, 24.015 by changing the saturation by 10% instead.

■ 52, 40.448, 24.015

■ 52, 40.448, 24.015

■ 100, 40.448,
24.015

■ 42, 40.448, 24.015

■ 72, 40.448, 24.015

■ 32, 40.448, 24.015

■ 82, 40.448, 24.015

■ 22, 40.448, 24.015

■ 92, 40.448, 24.015

■ 12, 40.448, 24.015

■ 2, 40.448, 24.015

■ 0, 40.448, 24.015

■ 52, 40.448, 24.015

■ 52, 40.448, 24.015

■ 48, 49.938, 26.299

■ 57, 31.182, 22.253

■ 45, 59.375, 29.182

■ 61, 22.342, 20.893

42, 68.379, 32.633

67, 14.035, 19.836

40, 76.323, 36.280

72, 6.300, 18.978

39, 82.153, 39.204

77, 0.872, 199.028

39, 82.870, 39.558

83, 7.514, 197.986

88, 13.674,
197.546

94, 19.406,
197.202

96, 21.496,
198.094

Harmonies

Complementary

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



52, 40.448, 24.015



71, 28.660, 196.092

Rectangle

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



52, 40.448, 24.015



52, 40.448, 74.015



52, 40.448, 204.015



52, 40.448, 254.015

Sweetspot

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



52, 40.446, 24.018



87, 13.697, 19.519



55, 59.373, 326.468



45, 9.417, 19.707



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



52, 40.446, 24.018



62, 60.953, 26.349



62, 33.120, 67.692



37, 4.095, 19.028



32, 72.375, 39.225



3, 12.254, 18.771

Inverse Universe

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



52, 40.446, 24.018



62, 60.953, 26.349



58, 28.336, 262.567



37, 4.095, 19.028



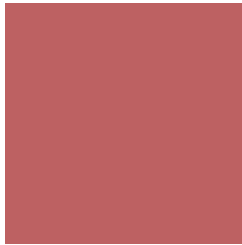
32, 72.375, 39.225



3, 12.254, 18.771

Previews

White Background



This preview shows how the CIELCh color 52, 40.448, 24.015 looks on a white background.

Color Contrast Check

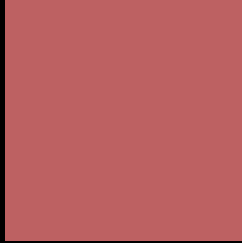
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 52, 40.448, 24.015 looks on a black 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

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

CIELCh 52, 40.448, 24.015

Background



This preview shows how black text looks on a background with the CIELCh color 52, 40.448, 24.015.

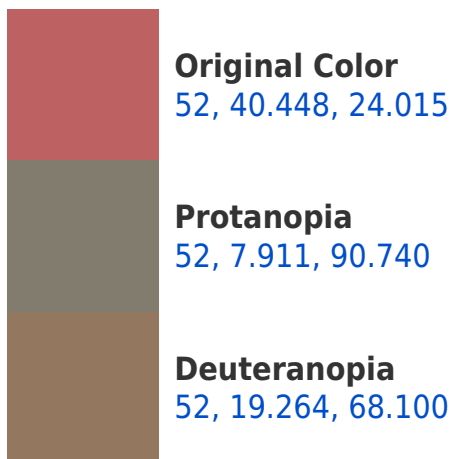


This preview shows how white text looks on a background with the CIELCh color 52, 40.448, 24.015.

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





Tritanopia
52, 40.258, 19.401

Trichromacy



Original Color
52, 40.448, 24.015

Protanomaly
51, 16.755, 36.997

Deuteranomaly
52, 24.944, 43.171

Tritanomaly
52, 40.454, 20.997

Monochromacy



Original Color
52, 40.448, 24.015

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 14.337, 21.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 40.448, 24.015 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(189, 97, 98)` looks like.

```
.text, #text, p{  
    color:rgb(189, 97, 98)  
}
```

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(189, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 97, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 40.448, 24.015 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(189, 97, 98) }
```

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

```
.border{ border-color:rgb(189, 97, 98) }
```

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

Here you see how a box with a 4 pixel rgb(189, 97, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(189, 97,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 40.448, 24.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 97, 98) }
```

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

```
.background{ background-color: rgb(189, 97,  
98) }
```

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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