

Converting Colors

CIELCh(40, 20.358, 352.856)

Have a look what the booklet for
CIELCh(40, 20.358, 352.856)
contains.

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Color

CIELCh(40, 20.413, 352.525)

Conversions

Conversions Part 1

Format	Color
Hex	7C5263
RGB	124, 82, 99
RGB Percent	49%, 32%, 39%
CMY	0.5132, 0.6779, 0.6113
CMYK	0.00, 0.34, 0.20, 0.51
HSL	336°, 20%, 40%
HSV	336°, 34%, 49%
XYZ	13.6156, 11.2510, 13.2893
YIQ	96.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

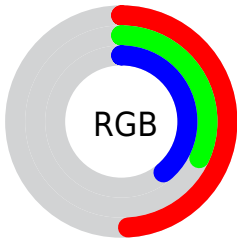
Format	Color
R _Y B	124, 82, 99
Decimal	8147555
CIE Lab	40.00, 20.24, -2.66
CIE LCh	40, 20.413, 352.525
Yxy	11.2510, 0.3568, 0.2949
Android (android.graphics.Color)	4286337635 (0xFF7C5263)
YUV	96.4960, 1.2345, 24.1210
Hunter-Lab	33.5425, 13.7574, -0.0105

Details

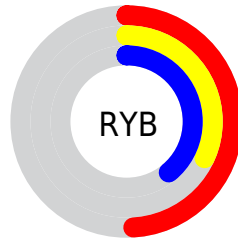
The CIELCh color $[40, 20.413, 352.525]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[49, 19.170, 165.931]$, and the grayscale version is $[41, 0.006, 296.813]$.

A 20% lighter version of the original color is $[60, 20.323, 351.915]$, and $[20, 20.612, 351.730]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 26.499, 353.892]$, and if you desaturate by 10%, it is $[43, 14.260, 351.353]$.

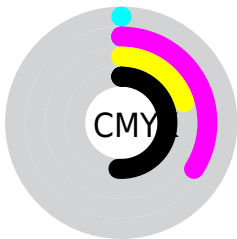
Distribution



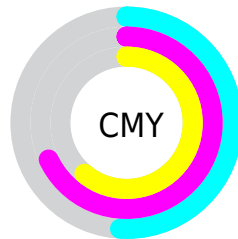
- Red (49%)
- Green (32%)
- Blue (39%)



- Red (49%)
- Yellow (32%)
- Blue (39%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (51%)





- Cyan (51%)
- Magenta (68%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 20.413, 352.525 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, 20.413, 352.525 by changing the saturation by 10% instead.


 40, 20.413,
352.525


 40, 20.413,
352.525


 100, 20.413,
352.525


 30, 20.413,
352.525

 60, 20.413,
352.525


 20, 20.413,
352.525

 70, 20.413,
352.525

 10, 20.413,
352.525

 80, 20.413,
352.525

 0, 20.413, 352.525

 90, 20.413,
352.525

 40, 20.413,

 40, 20.413,

352.525

37, 26.499,
353.892

34, 32.336,
355.515

31, 37.674,
357.489

29, 42.231,
359.939

27, 45.762, 3.015

26, 48.186, 6.850

25, 49.599, 9.288

352.525

43, 14.260,
351.353

47, 8.175, 350.318

51, 2.236, 349.313

54, 3.514, 168.729

58, 9.055, 167.940

62, 14.384,
167.257

66, 19.506,
166.636

69, 24.433,
166.064

73, 29.178,
165.536

Harmonies

Complementary

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



40, 20.413, 352.525



49, 19.170, 165.931

Rectangle

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



40, 20.413, 352.525



40, 20.413, 42.525



40, 20.413, 172.525



40, 20.413, 222.525

Sweetspot

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



40, 20.411, 352.527



62, 7.257, 349.966



39, 27.405, 313.381



32, 4.998, 350.079



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



40, 20.411, 352.527



48, 30.609, 353.619



40, 17.643, 28.624



24, 3.266, 349.852



26, 49.836, 9.325



54, 84.272, 12.330

Inverse Universe

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



40, 20.411, 352.527



48, 30.609, 353.619



48, 13.986, 206.521



24, 3.266, 349.852



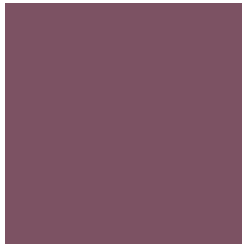
26, 49.836, 9.325



54, 84.272, 12.330

Previews

White Background



This preview shows how the CIELCh color 40, 20.413, 352.525 looks on a white background.

Color Contrast Check

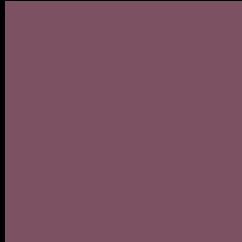
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.413, 352.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

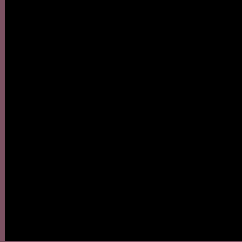
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 20.413, 352.525

Background



This preview shows how black text looks on a background with the CIELCh color 40, 20.413, 352.525.



This preview shows how white text looks on a background with the CIELCh color 40, 20.413, 352.525.

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, 20.413, 352.525

Protanopia
40, 7.318, 288.181

Deuteranopia
40, 5.206, 344.370



Tritanopia
40, 17.442, 10.148

Trichromacy



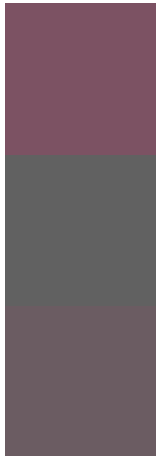
Original Color
40, 20.413, 352.525

Protanomaly
40, 9.838, 327.124

Deuteranomaly
40, 11.102, 347.886

Tritanomaly
40, 18.273, 3.041

Monochromacy



Original Color
40, 20.413, 352.525

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.309, 350.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 20.413, 352.525 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(124, 82, 99)` looks like.

```
.text, #text, p{  
    color:rgb(124, 82, 99)  
}
```

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(124, 82, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 82, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 20.413, 352.525 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(124, 82, 99) }
```

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

```
.border{ border-color:rgb(124, 82, 99) }
```

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

Here you see how a box with a 4 pixel rgb(124, 82, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 82, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 82, 99);  
box-shadow:4px 4px 4px 4px rgb(124, 82,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 20.413, 352.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 82, 99) }
```

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

```
.background{ background-color: rgb(124, 82,  
99) }
```

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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