

Converting Colors

CIELCh(40, 19.043, 350.756)

Have a look what the booklet for
CIELCh(40, 19.043, 350.756)
contains.

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Color

CIELCh(40, 19.301, 350.321)

Conversions

Conversions Part 1

Format	Color
Hex	7A5364
RGB	122, 83, 100
RGB Percent	48%, 33%, 39%
CMY	0.5215, 0.6744, 0.6077
CMYK	0.00, 0.32, 0.18, 0.52
HSL	334°, 19%, 40%
HSV	334°, 32%, 48%
XYZ	13.4270, 11.2510, 13.5276
YIQ	96.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

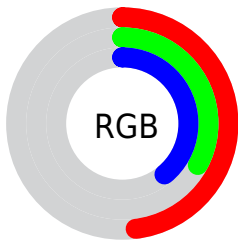
Format	Color
R_{YB}	122, 83, 100
Decimal	8016740
CIE _{Lab}	40.00, 19.03, -3.25
CIE _{LCh}	40, 19.301, 350.321
Yxy	11.2510, 0.3514, 0.2945
Android (android.graphics.Color)	4286206820 (0xFF7A5364)
YUV	96.5990, 1.6767, 22.2767
Hunter-Lab	33.5425, 12.7540, -0.4317

Details

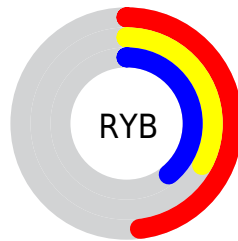
The CIELCh color $40, 19.301, 350.321$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 18.333, 164.312$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 19.281, 349.964$, and $20, 19.199, 350.709$ is the 20% darker color. If you saturate the color by 10%, you get $37, 25.388, 351.588$, and if you desaturate by 10%, it is $43, 13.156, 349.223$.

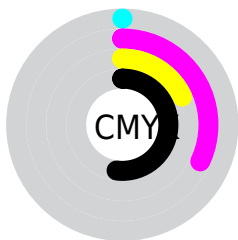
Distribution



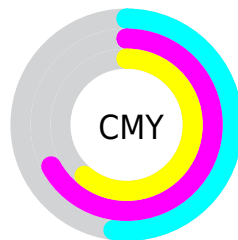
- Red (48%)
- Green (33%)
- Blue (39%)



- Red (48%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (52%)





- Cyan (52%)
- Magenta (67%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 19.301, 350.321 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, 19.301, 350.321 by changing the saturation by 10% instead.


 40, 19.301,
350.321


 40, 19.301,
350.321


 100, 19.301,
350.321


 30, 19.301,
350.321

 60, 19.301,
350.321


 20, 19.301,
350.321

 70, 19.301,
350.321


 10, 19.301,
350.321

 80, 19.301,
350.321

 0, 19.301, 350.321

 90, 19.301,
350.321

 40, 19.301,

 40, 19.301,

350.321

37, 25.388,
351.588

34, 31.242,
353.075

31, 36.624,
354.863

29, 41.250,
357.063

27, 44.856,
359.813

26, 47.287, 3.268

25, 48.933, 6.266

350.321

43, 13.156,
349.223

47, 7.080, 348.239

51, 1.146, 347.159

54, 4.606, 166.706

58, 10.156,
165.961

62, 15.503,
165.299

65, 20.650,
164.694

69, 25.608,
164.136

73, 30.390,

Harmonies

Complementary

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



40, 19.301, 350.321



48, 18.333, 164.312

Rectangle

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



40, 19.301, 350.321



40, 19.301, 40.321



40, 19.301, 170.321



40, 19.301, 220.321

Sweetspot

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



40, 19.299, 350.323



61, 7.302, 348.077



39, 25.335, 312.203



31, 4.962, 348.183



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



40, 19.299, 350.323



49, 28.425, 351.182



40, 16.784, 25.751



24, 3.330, 347.967



26, 49.771, 6.393



54, 83.885, 9.242

Inverse Universe

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



40, 19.299, 350.323



49, 28.425, 351.182



48, 13.539, 202.896



24, 3.330, 347.967



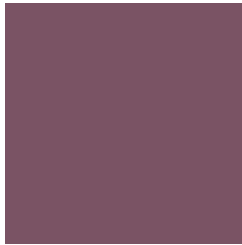
26, 49.771, 6.393



54, 83.885, 9.242

Previews

White Background



This preview shows how the CIELCh color 40, 19.301, 350.321 looks on a white background.

Color Contrast Check

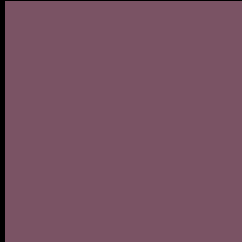
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.301, 350.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

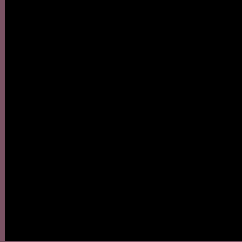
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 19.301, 350.321

Background



This preview shows how black text looks on a background with the CIELCh color 40, 19.301, 350.321.

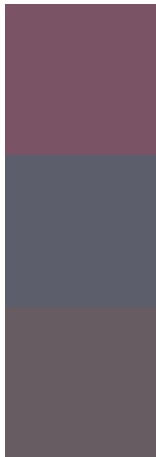


This preview shows how white text looks on a background with the CIELCh color 40, 19.301, 350.321.

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, 19.301, 350.321

Protanopia

40, 7.926, 288.523

Deuteranopia

40, 5.578, 339.285



Tritanopia
40, 16.101, 8.893

Trichromacy



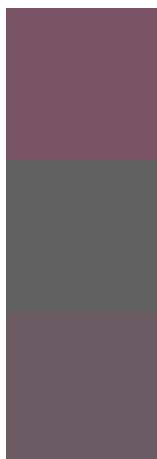
Original Color
40, 19.301, 350.321

Protanomaly
40, 10.329, 325.119

Deuteranomaly
40, 10.384, 345.133

Tritanomaly
40, 17.007, 1.290

Monochromacy



Original Color
40, 19.301, 350.321

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 6.943, 348.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 19.301, 350.321 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(122, 83, 100)` looks like.

```
.text, #text, p{  
    color:rgb(122, 83, 100)  
}
```

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(122, 83, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 83, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 19.301, 350.321 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(122, 83, 100) }
```

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

```
.border{ border-color:rgb(122, 83, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 83, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 83, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 83, 100);  
box-shadow:4px 4px 4px 4px rgb(122, 83,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 19.301, 350.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 83, 100) }
```

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

```
.background{ background-color: rgb(122, 83,  
100) }
```

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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