

Converting Colors

CIELCh(40, 22.802, 349.663)

Have a look what the booklet for
CIELCh(40, 22.802, 349.663)
contains.

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Color

CIELCh(40, 22.277, 350.256)

Conversions

Conversions Part 1

Format	Color
Hex	7E5165
RGB	126, 81, 101
RGB Percent	49%, 32%, 40%
CMY	0.5060, 0.6825, 0.6041
CMYK	0.00, 0.36, 0.20, 0.51
HSL	333°, 22%, 41%
HSV	333°, 36%, 49%
XYZ	13.8853, 11.2510, 13.7423
YIQ	96.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

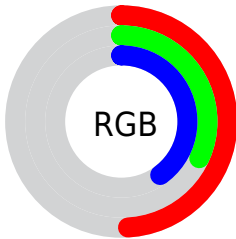
Format	Color
R_{YB}	126, 81, 101
Decimal	8278373
CIE _{Lab}	40.00, 21.96, -3.77
CIE _{LCh}	40, 22.277, 350.256
Yxy	11.2510, 0.3571, 0.2894
Android (android.graphics.Color)	4286468453 (0xFF7E5165)
YUV	96.7350, 2.1026, 25.6654
Hunter-Lab	33.5425, 15.1926, -0.8113

Details

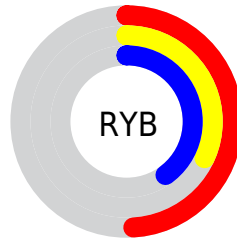
The CIELCh color $40, 22.277, 350.256$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 21.081, 163.396$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 22.442, 350.336$, and $20, 22.253, 351.097$ is the 20% darker color. If you saturate the color by 10%, you get $37, 28.472, 351.588$, and if you desaturate by 10%, it is $43, 15.952, 349.109$.

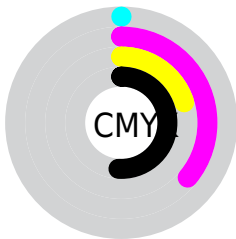
Distribution



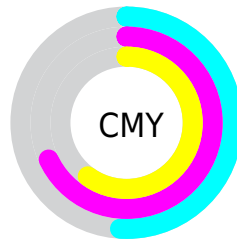
- Red (49%)
- Green (32%)
- Blue (40%)



- Red (49%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (51%)




- Cyan (51%)
- Magenta (68%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 22.277, 350.256 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, 22.277, 350.256 by changing the saturation by 10% instead.


 40, 22.277,
350.256


 40, 22.277,
350.256


 100, 22.277,
350.256


 30, 22.277,
350.256

 60, 22.277,
350.256


 20, 22.277,
350.256

 70, 22.277,
350.256

 10, 22.277,
350.256

 80, 22.277,
350.256

 0, 22.277, 350.256

 90, 22.277,
350.256

 40, 22.277,

 40, 22.277,

350.256

350.256

37, 28.472,
351.588

43, 15.952,
349.109

34, 34.331,
353.163

47, 9.650, 348.093

31, 39.581,
355.073

51, 3.466, 347.143

54, 2.545, 166.544

29, 43.926,
357.438

58, 8.355, 165.729

27, 47.121, 0.406

62, 13.957,
165.043

26, 49.191, 4.056

66, 19.351,
164.419

26, 50.069, 5.632

70, 24.548,
163.844

73, 29.558,
163.312

Harmonies

Complementary

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



40, 22.277, 350.256



49, 21.081, 163.396

Rectangle

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



40, 22.277, 350.256



40, 22.277, 40.256



40, 22.277, 170.256



40, 22.277, 220.256

Sweetspot

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



40, 22.275, 350.258



62, 8.299, 347.670



39, 29.163, 312.388



31, 5.556, 347.770



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, 22.275, 350.258



48, 33.123, 351.344



40, 19.533, 26.140



25, 3.465, 347.468



26, 50.508, 5.695



0, 0.000, 0.000

Inverse Universe

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



40, 22.275, 350.258



48, 33.123, 351.344



49, 15.294, 202.832



25, 3.465, 347.468



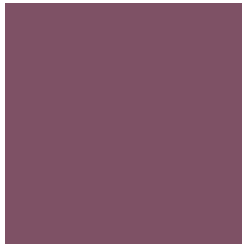
26, 50.508, 5.695



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 40, 22.277, 350.256 looks on a white background.

Color Contrast Check

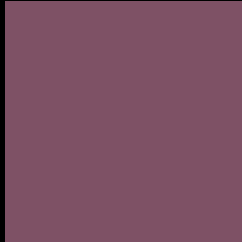
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.277, 350.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

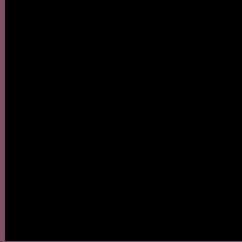
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 22.277, 350.256

Background



This preview shows how black text looks on a background with the CIELCh color 40, 22.277, 350.256.



This preview shows how white text looks on a background with the CIELCh color 40, 22.277, 350.256.

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, 22.277, 350.256

Protanopia

40, 9.159, 286.665

Deuteranopia

40, 5.988, 334.878



Tritanopia
40, 18.795, 11.265

Trichromacy



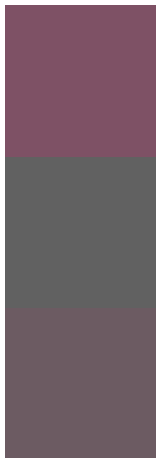
Original Color
40, 22.277, 350.256

Protanomaly
40, 12.086, 321.923

Deuteranomaly
40, 12.097, 344.164

Tritanomaly
40, 19.677, 2.892

Monochromacy



Original Color
40, 22.277, 350.256

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 8.347, 350.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 22.277, 350.256 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(126, 81, 101)` looks like.

```
.text, #text, p{  
    color:rgb(126, 81, 101)  
}
```

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(126, 81, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 81, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 22.277, 350.256 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(126, 81, 101) }
```

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

```
.border{ border-color:rgb(126, 81, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 81, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(126, 81,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 22.277, 350.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 81, 101) }
```

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

```
.background{ background-color: rgb(126, 81,  
101) }
```

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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