

Converting Colors

CIELCh(40, 22.663, 350.362)

Have a look what the booklet for
CIELCh(40, 22.663, 350.362)
contains.

CIELCh(40, 22.627, 350.924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(40, 22.627, 350.924)

Conversions

Conversions Part 1

Format	Color
Hex	7F5165
RGB	127, 81, 101
RGB Percent	50%, 32%, 40%
CMY	0.5034, 0.6837, 0.6053
CMYK	0.00, 0.36, 0.21, 0.50
HSL	334°, 22%, 41%
HSV	334°, 36%, 50%
XYZ	13.9467, 11.2510, 13.6598
YIQ	97.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

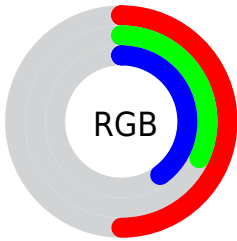
Format	Color
R_{YB}	127, 81, 101
Decimal	8343909
CIE _{Lab}	40.00, 22.34, -3.57
CIE _{LCh}	40, 22.627, 350.924
Yxy	11.2510, 0.3589, 0.2895
Android (android.graphics.Color)	4286533989 (0xFF7F5165)
YUV	97.0340, 1.9552, 26.2802
Hunter-Lab	33.5425, 15.5198, -0.6655

Details

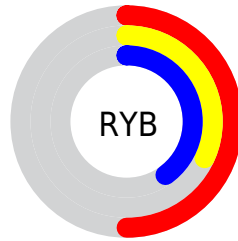
The CIELCh color $40, 22.627, 350.924$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $49, 21.338, 163.871$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 22.777, 350.918$, and $20, 22.610, 351.910$ is the 20% darker color. If you saturate the color by 10%, you get $37, 28.818, 352.289$, and if you desaturate by 10%, it is $43, 16.302, 349.752$.

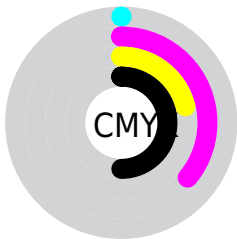
Distribution



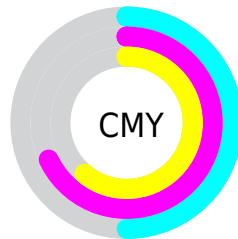
- Red (50%)
- Green (32%)
- Blue (40%)



- Red (50%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (50%)





- Cyan (50%)
- Magenta (68%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 22.627, 350.924 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, 22.627, 350.924 by changing the saturation by 10% instead.


 40, 22.627,
350.924


 40, 22.627,
350.924


 100, 22.627,
350.924


 30, 22.627,
350.924

 60, 22.627,
350.924


 20, 22.627,
350.924

 70, 22.627,
350.924

 10, 22.627,
350.924

 80, 22.627,
350.924

 0, 22.627, 350.924

 90, 22.627,
350.924

 40, 22.627,

 40, 22.627,

350.924

37, 28.818,
352.289

34, 34.665,
353.910

31, 39.894,
355.883

29, 44.209,
358.331

28, 47.375, 1.408

26, 49.466, 5.164

26, 50.252, 6.554

350.924

43, 16.302,
349.752

47, 9.999, 348.718

51, 3.814, 347.761

54, 2.197, 167.164

58, 8.005, 166.322

62, 13.602,
165.628

66, 18.989,
164.998

70, 24.176,
164.419

74, 29.175,
163.883

Harmonies

Complementary

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



40, 22.627, 350.924



49, 21.338, 163.871

Rectangle

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



40, 22.627, 350.924



40, 22.627, 40.924



40, 22.627, 170.924



40, 22.627, 220.924

Sweetspot

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



40, 22.625, 350.926



63, 8.355, 348.234



39, 29.781, 312.417



32, 5.666, 348.340



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



40, 22.625, 350.926



49, 34.151, 352.108



40, 19.981, 26.204



25, 3.444, 348.030



26, 50.500, 6.590



0, 0.000, 0.000

Inverse Universe

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



40, 22.625, 350.926



49, 34.151, 352.108



49, 15.571, 202.823



25, 3.444, 348.030



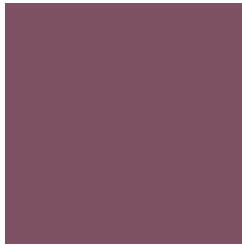
26, 50.500, 6.590



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 22.627, 350.924 looks on a white background.

Color Contrast Check

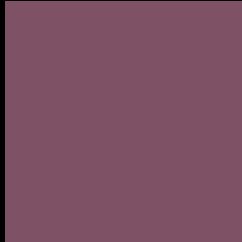
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.627, 350.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

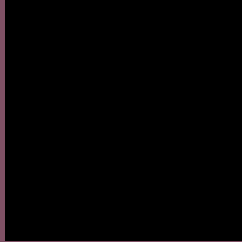
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 22.627, 350.924

Background



This preview shows how black text looks on a background with the CIELCh color 40, 22.627, 350.924.



This preview shows how white text looks on a background with the CIELCh color 40, 22.627, 350.924.

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, 22.627, 350.924

Protanopia

40, 9.159, 286.665

Deuteranopia

40, 5.988, 334.878



Tritanopia
40, 18.795, 11.265

Trichromacy



Original Color
40, 22.627, 350.924

Protanomaly
40, 12.294, 323.615

Deuteranomaly
40, 12.097, 344.164

Tritanomaly
40, 20.089, 3.399

Monochromacy



Original Color
40, 22.627, 350.924

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, 22.627, 350.924 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(127, 81, 101)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 81, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 81, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 22.627, 350.924 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(127, 81, 101) }
```

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

```
.border{ border-color:rgb(127, 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(127, 81, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 81, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 81, 101);  
box-shadow:4px 4px 4px 4px rgb(127, 81,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 22.627, 350.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 81, 101) }
```

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

```
.background{ background-color: rgb(127, 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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