

Converting Colors

CIELCh(40, 26.155, 347.212)

Have a look what the booklet for
CIELCh(40, 26.155, 347.212)
contains.

CIELCh(40, 26.388, 347.443)	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, 26.388, 347.443)

Conversions

Conversions Part 1

Format	Color
Hex	824E68
RGB	130, 78, 104
RGB Percent	51%, 31%, 41%
CMY	0.4892, 0.6932, 0.5912
CMYK	0.00, 0.40, 0.20, 0.49
HSL	330°, 25%, 41%
HSV	330°, 40%, 51%
XYZ	14.4953, 11.2510, 14.5665
YIQ	96.5120, 22.6460, 19.1100

Conversions

Conversions Part 2

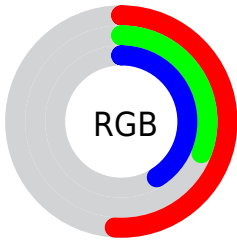
Format	Color
RYB	130, 78, 104
Decimal	8539752
CIELab	40.00, 25.76, -5.74
CIElCh	40, 26.388, 347.443
Yxy	11.2510, 0.3596, 0.2791
Android (android.graphics.Color)	4286729832 (0xFF824E68)
YUV	96.5120, 3.6916, 29.3690
Hunter-Lab	33.5425, 18.4389, -2.2681

Details

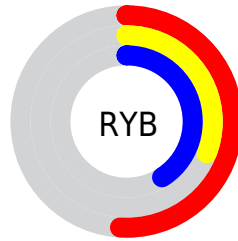
The CIELCh color $40, 26.388, 347.443$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $50, 25.202, 159.896$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 26.384, 347.490$, and $20, 26.629, 347.238$ is the 20% darker color. If you saturate the color by 10%, you get $37, 32.741, 348.743$, and if you desaturate by 10%, it is $43, 19.769, 346.319$.

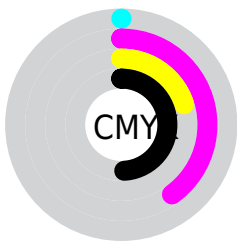
Distribution



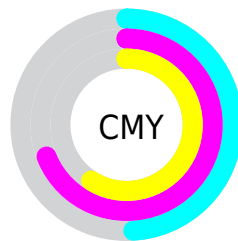
- Red (51%)
- Green (31%)
- Blue (41%)



- Red (51%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (49%)




- Cyan (49%)
- Magenta (69%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 40, 26.388, 347.443 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, 26.388, 347.443 by changing the saturation by 10% instead.

 40, 26.388,
347.443

 40, 26.388,
347.443

 100, 26.388,
347.443

 30, 26.388,
347.443

 60, 26.388,
347.443

 20, 26.388,
347.443

 70, 26.388,
347.443

 10, 26.388,
347.443

 80, 26.388,
347.443

 0, 26.388, 347.443

 90, 26.388,
347.443

 40, 26.388,

 40, 26.388,

347.443

347.443

■ 37, 32.741,
348.743

■ 43, 19.769,
346.319

■ 34, 38.576,
350.277

■ 47, 13.082,
345.321

■ 32, 43.582,
352.134

■ 51, 6.453, 344.412

■ 30, 47.447,
354.430

■ 54, 0.036, 171.933

■ 58, 6.340, 162.968

■ 28, 49.961,
357.308

■ 62, 12.439,
162.270

■ 27, 51.602, 0.635

■ 66, 18.328,
161.639

■ 27, 51.614, 0.655

■ 70, 24.011,
161.056

■ 74, 29.497,

Harmonies

Complementary

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



40, 26.388, 347.443



50, 25.202, 159.896

Rectangle

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



40, 26.388, 347.443



40, 26.388, 37.443



40, 26.388, 167.443



40, 26.388, 217.443

Sweetspot

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



40, 26.386, 347.444



63, 9.635, 344.619



38, 33.399, 310.987



32, 6.368, 344.711



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, 26.386, 347.444



48, 38.846, 348.623



39, 23.816, 23.065



26, 3.713, 344.341



27, 51.557, 0.649



0, 0.880, 343.654

Inverse Universe

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



40, 26.386, 347.444



48, 38.846, 348.623



51, 18.163, 197.576



26, 3.713, 344.341



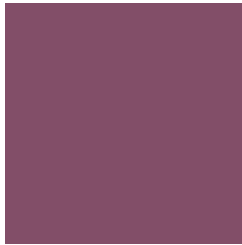
27, 51.557, 0.649



0, 0.880, 343.654

Previews

White Background



This preview shows how the CIELCh color 40, 26.388, 347.443 looks on a white background.

Color Contrast Check

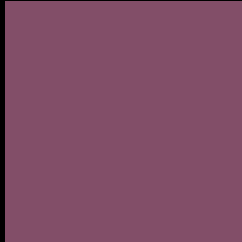
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 40, 26.388, 347.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

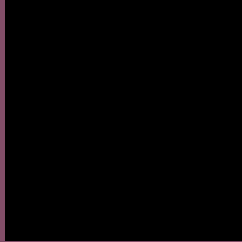
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 26.388, 347.443

Background



This preview shows how black text looks on a background with the CIELCh color 40, 26.388, 347.443.



This preview shows how white text looks on a background with the CIELCh color 40, 26.388, 347.443.

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, 26.388, 347.443

Protanopia

40, 12.244, 284.875

Deuteranopia

40, 7.167, 322.139



Tritanopia
40, 21.084, 12.907

Trichromacy



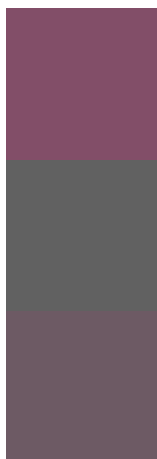
Original Color
40, 26.388, 347.443

Protanomaly
40, 15.121, 318.806

Deuteranomaly
40, 14.225, 338.402

Tritanomaly
40, 22.463, 2.754

Monochromacy



Original Color
40, 26.388, 347.443

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 10.028, 343.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 26.388, 347.443 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(130, 78, 104)` looks like.

```
.text, #text, p{  
    color:rgb(130, 78, 104)  
}
```

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(130, 78, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 78, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 26.388, 347.443 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(130, 78, 104) }
```

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

```
.border{ border-color:rgb(130, 78, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 78, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 78, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 78, 104);  
box-shadow:4px 4px 4px 4px rgb(130, 78,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 26.388, 347.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 78, 104) }
```

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

```
.background{ background-color: rgb(130, 78,  
104) }
```

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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