

Converting Colors

CIELCh(40, 26.967, 344.576)

Have a look what the booklet for
CIELCh(40, 26.967, 344.576)
contains.

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Color

CIELCh(40, 27.299, 344.179)

Conversions

Conversions Part 1

Format	Color
Hex	824E6B
RGB	130, 78, 107
RGB Percent	51%, 31%, 42%
CMY	0.4903, 0.6942, 0.5805
CMYK	0.00, 0.40, 0.18, 0.49
HSL	327°, 25%, 41%
HSV	327°, 40%, 51%
XYZ	14.5781, 11.2510, 15.3073
YIQ	96.8540, 21.6830, 20.0430

Conversions

Conversions Part 2

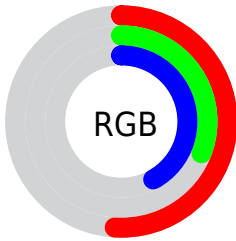
Format	Color
R_{YB}	130, 78, 107
Decimal	8539755
CIE _{Lab}	40.00, 26.26, -7.44
CIE _{LCh}	40, 27.299, 344.179
Yxy	11.2510, 0.3544, 0.2735
Android (android.graphics.Color)	4286729835 (0xFF824E6B)
YUV	96.8540, 5.0020, 29.0690
Hunter-Lab	33.5425, 18.8798, -3.5776

Details

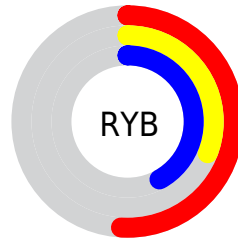
The CIELCh color $40, 27.299, 344.179$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 26.415, 157.025$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 27.252, 344.465$, and $20, 27.587, 343.626$ is the 20% darker color. If you saturate the color by 10%, you get $37, 33.787, 345.341$, and if you desaturate by 10%, it is $43, 20.504, 343.157$.

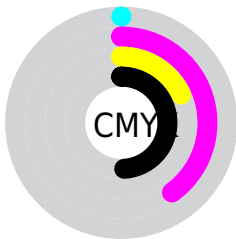
Distribution



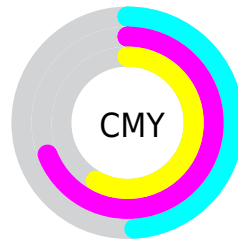
- Red (51%)
- Green (31%)
- Blue (42%)



- Red (51%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (18%)
- Black (49%)





- Cyan (49%)
- Magenta (69%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 27.299, 344.179 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, 27.299, 344.179 by changing the saturation by 10% instead.


 40, 27.299,
344.179


 40, 27.299,
344.179


 100, 27.299,
344.179


 30, 27.299,
344.179

 60, 27.299,
344.179


 20, 27.299,
344.179

 70, 27.299,
344.179

 10, 27.299,
344.179

 80, 27.299,
344.179

 0, 27.299, 344.179

 90, 27.299,
344.179

 40, 27.299,

 40, 27.299,

344.179

344.179

37, 33.787,
345.341

43, 20.504,
343.157

34, 39.707,
346.689

47, 13.607,
342.237

32, 44.736,
348.295

51, 6.746, 341.388

30, 48.557,
350.253

54, 0.009, 306.757

58, 6.558, 160.015

28, 50.942,
352.686

62, 12.926,
159.345

27, 52.376,
355.490

66, 19.087,
158.735

70, 25.042,
158.170

74, 30.800,

Harmonies

Complementary

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



40, 27.299, 344.179



50, 26.415, 157.025

Rectangle

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



40, 27.299, 344.179



40, 27.299, 34.179



40, 27.299, 164.179



40, 27.299, 214.179

Sweetspot

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



40, 27.297, 344.180



63, 10.018, 341.578



37, 33.138, 308.841



32, 6.620, 341.663



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, 27.297, 344.180



48, 40.113, 345.228



39, 23.527, 18.084



25, 3.738, 341.312



27, 51.669, 355.417



0, 0.000, 0.000

Inverse Universe

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



40, 27.297, 344.180



48, 40.113, 345.228



51, 18.577, 191.208



25, 3.738, 341.312



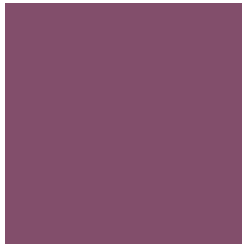
27, 51.669, 355.417



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 40, 27.299, 344.179 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, 27.299, 344.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

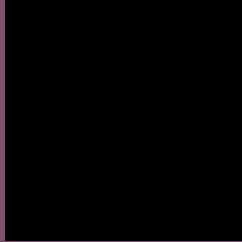
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 27.299, 344.179

Background



This preview shows how black text looks on a background with the CIELCh color 40, 27.299, 344.179.



This preview shows how white text looks on a background with the CIELCh color 40, 27.299, 344.179.

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, 27.299, 344.179

Protanopia
40, 14.688, 285.085

Deuteranopia
40, 7.893, 312.373



Tritanopia
40, 20.599, 12.575

Trichromacy



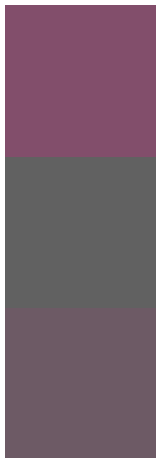
Original Color
40, 27.299, 344.179

Protanomaly
40, 17.157, 313.923

Deuteranomaly
40, 14.495, 332.403

Tritanomaly
40, 22.159, 0.726

Monochromacy



Original Color
40, 27.299, 344.179

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 10.388, 340.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 27.299, 344.179 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(130, 78, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 78, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 27.299, 344.179 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, 107) }
```

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

```
.border{ border-color:rgb(130, 78, 107) }
```

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, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 78, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 78, 107);  
box-shadow:4px 4px 4px 4px rgb(130, 78,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 27.299, 344.179 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, 107) }
```

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

```
.background{ background-color: rgb(130, 78,  
107) }
```

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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