

Converting Colors

CIELCh(40, 22.095, 343.493)

Have a look what the booklet for
CIELCh(40, 22.095, 343.493)
contains.

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Color

CIELCh(40, 21.823, 343.291)

Conversions

Conversions Part 1

Format	Color
Hex	7B5269
RGB	123, 82, 105
RGB Percent	48%, 32%, 41%
CMY	0.5179, 0.6786, 0.5885
CMYK	0.00, 0.33, 0.15, 0.52
HSL	326°, 20%, 40%
HSV	326°, 33%, 48%
XYZ	13.7192, 11.2510, 14.7972
YIQ	96.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

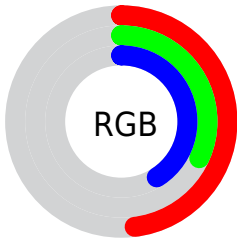
Format	Color
R_{YB}	123, 82, 105
Decimal	8082025
CIE Lab	40.00, 20.90, -6.27
CIE LCh	40, 21.823, 343.291
Yxy	11.2510, 0.3450, 0.2829
Android (android.graphics.Color)	4286272105 (0xFF7B5269)
YUV	96.8810, 4.0027, 22.9064
Hunter-Lab	33.5425, 14.3088, -2.6760

Details

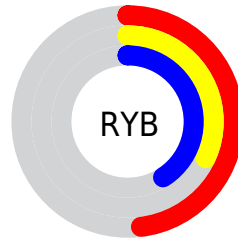
The CIELCh color $40, 21.823, 343.291$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $48, 21.218, 157.623$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $60, 21.683, 343.388$, and $20, 21.833, 342.969$ is the 20% darker color. If you saturate the color by 10%, you get $37, 28.255, 344.342$, and if you desaturate by 10%, it is $43, 15.235, 342.353$.

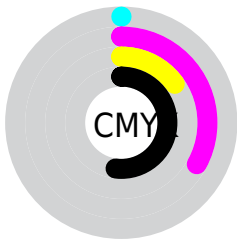
Distribution



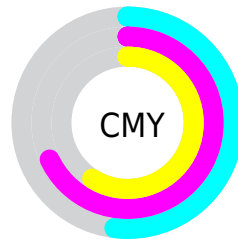
- Red (48%)
- Green (32%)
- Blue (41%)



- Red (48%)
- Yellow (32%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (52%)





- Cyan (52%)
- Magenta (68%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 21.823, 343.291 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, 21.823, 343.291 by changing the saturation by 10% instead.


 40, 21.823,
343.291


 40, 21.823,
343.291


 100, 21.823,
343.291


 30, 21.823,
343.291

 60, 21.823,
343.291


 20, 21.823,
343.291

 70, 21.823,
343.291

 10, 21.823,
343.291

 80, 21.823,
343.291

 0, 21.823, 343.291

 90, 21.823,
343.291

 40, 21.823,

 40, 21.823,

343.291

37, 28.255,
344.342

34, 34.327,
345.539

31, 39.765,
346.937

29, 44.260,
348.611

27, 47.526,
350.662

26, 49.413,
353.204

26, 50.422,
354.994

343.291

43, 15.235,
342.353

47, 8.644, 341.494

50, 2.146, 340.627

54, 4.201, 160.104

58, 10.365,
159.407

61, 16.335,
158.784

65, 22.109,
158.208

69, 27.692,
157.671

73, 33.094,

Harmonies

Complementary

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



40, 21.823, 343.291



48, 21.218, 157.623

Rectangle

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



40, 21.823, 343.291



40, 21.823, 33.291



40, 21.823, 163.291



40, 21.823, 213.291

Sweetspot

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



40, 21.821, 343.292



62, 8.039, 341.238



38, 26.178, 308.429



32, 5.534, 341.334



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, 21.821, 343.292



49, 32.509, 344.083



39, 18.372, 17.072



24, 3.620, 341.141



26, 51.000, 355.056



55, 85.170, 357.108

Inverse Universe

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



40, 21.821, 343.292



49, 32.509, 344.083



49, 15.171, 191.667



24, 3.620, 341.141



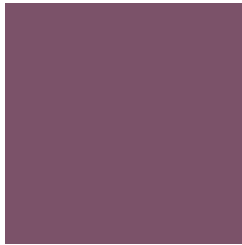
26, 51.000, 355.056



55, 85.170, 357.108

Previews

White Background



This preview shows how the CIELCh color 40, 21.823, 343.291 looks on a white background.

Color Contrast Check

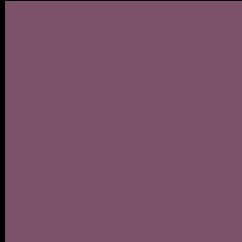
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.823, 343.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

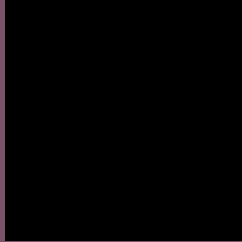
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 21.823, 343.291

Background



This preview shows how black text looks on a background with the CIELCh color 40, 21.823, 343.291.



This preview shows how white text looks on a background with the CIELCh color 40, 21.823, 343.291.

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, 21.823, 343.291

Protanopia

40, 11.607, 286.240

Deuteranopia

40, 7.501, 316.998



Tritanopia
40, 16.645, 7.295

Trichromacy



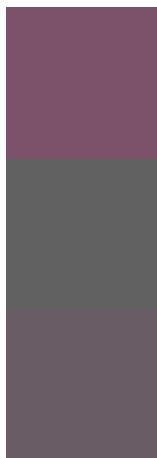
Original Color
40, 21.823, 343.291

Protanomaly
40, 13.322, 314.849

Deuteranomaly
40, 12.791, 331.614

Tritanomaly
40, 18.365, 357.030

Monochromacy



Original Color
40, 21.823, 343.291

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.626, 340.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 21.823, 343.291 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(123, 82, 105)` looks like.

```
.text, #text, p{  
    color:rgb(123, 82, 105)  
}
```

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(123, 82, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 82, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 21.823, 343.291 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(123, 82, 105) }
```

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

```
.border{ border-color:rgb(123, 82, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 82, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 82, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 82, 105);  
box-shadow:4px 4px 4px 4px rgb(123, 82,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 21.823, 343.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 82, 105) }
```

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

```
.background{ background-color: rgb(123, 82,  
105) }
```

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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