

Converting Colors

CIELCh(41, 24.737, 326.400)

Have a look what the booklet for
CIELCh(41, 24.737, 326.400)
contains.

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Color

CIELCh(41, 24.735, 326.745)

Conversions

Conversions Part 1

Format	Color
Hex	785577
RGB	120, 85, 119
RGB Percent	47%, 33%, 47%
CMY	0.5287, 0.6660, 0.5327
CMYK	0.00, 0.29, 0.01, 0.53
HSL	302°, 17%, 40%
HSV	302°, 29%, 47%
XYZ	14.3716, 11.8645, 19.0396
YIQ	99.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

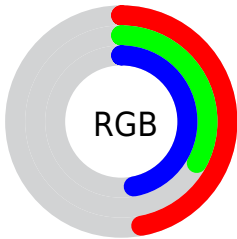
Format	Color
R_{YB}	120, 85, 119
Decimal	7886199
CIE _{Lab}	41.00, 20.68, -13.56
CIE _{LCh}	41, 24.735, 326.745
Yxy	11.8645, 0.3174, 0.2621
Android (android.graphics.Color)	4286076279 (0xFF785577)
YUV	99.3410, 9.6919, 18.1179
Hunter-Lab	34.4449, 14.1975, -8.6614

Details

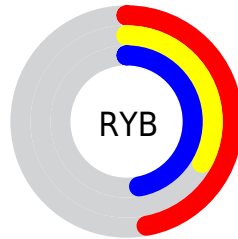
The CIELCh color $[41, 24.735, 326.745]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[47, 24.728, 143.291]$, and the grayscale version is $[42, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 24.735, 327.092]$, and $[21, 25.008, 326.580]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 33.016, 327.256]$, and if you desaturate by 10%, it is $[44, 16.247, 326.216]$.

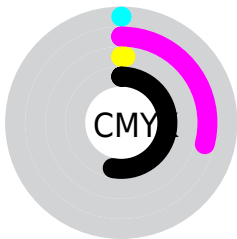
Distribution



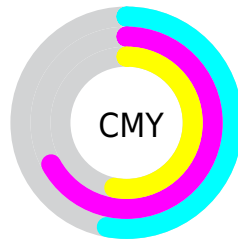
- Red (47%)
- Green (33%)
- Blue (47%)



- Red (47%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (53%)




- Cyan (53%)
- Magenta (67%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 24.735, 326.745 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 41, 24.735, 326.745 by changing the saturation by 10% instead.


 41, 24.735,
326.745


 41, 24.735,
326.745


 100, 24.735,
326.745


 31, 24.735,
326.745

 61, 24.735,
326.745


 21, 24.735,
326.745

 71, 24.735,
326.745

 11, 24.735,
326.745

 81, 24.735,
326.745

 1, 24.735, 326.745

 91, 24.735,
326.745

 0, 24.735, 326.745

 41, 24.735,

 41, 24.735,

326.745

38, 33.016,
327.256

35, 40.873,
327.738

33, 48.029,
328.177

31, 54.176,
328.562

29, 59.027,
328.883

28, 62.379,
329.136

28, 64.640,
329.342

28, 64.836,
329.359

326.745

44, 16.247,
326.216

47, 7.723, 325.672

51, 0.723, 145.421

54, 9.013, 144.674

58, 17.101,
144.165

61, 24.963,
143.683

65, 32.589,
143.226

68, 39.977,
142.794

72, 47.134,

Harmonies

Complementary

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



41, 24.735, 326.745



47, 24.728, 143.291

Rectangle

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



41, 24.735, 326.745



41, 24.735, 16.745



41, 24.735, 146.745



41, 24.735, 196.745

Sweetspot

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



41, 24.733, 326.745



60, 9.402, 325.677



38, 21.620, 294.090



31, 6.589, 325.744



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



41, 24.733, 326.745



50, 36.579, 327.091



40, 17.822, 347.158



24, 4.836, 325.670



29, 66.669, 329.364



59, 112.097, 329.427

Inverse Universe

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



41, 24.733, 326.745



50, 36.579, 327.091



47, 17.168, 161.985



24, 4.836, 325.670



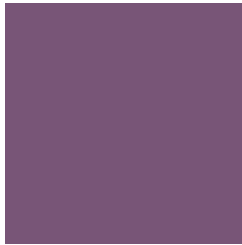
29, 66.669, 329.364



59, 112.097, 329.427

Previews

White Background



This preview shows how the CIELCh color 41, 24.735, 326.745 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 41, 24.735, 326.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

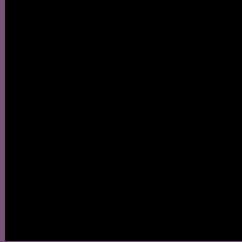
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 24.735, 326.745

Background



This preview shows how black text looks on a background with the CIELCh color 41, 24.735, 326.745.



This preview shows how white text looks on a background with the CIELCh color 41, 24.735, 326.745.

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

41, 24.735, 326.745

Protanopia

41, 18.892, 285.309

Deuteranopia

41, 13.380, 293.793



Tritanopia
41, 12.124, 3.844

Trichromacy



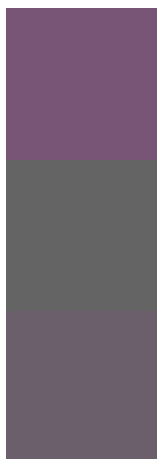
Original Color
41, 24.735, 326.745

Protanomaly
41, 19.761, 301.699

Deuteranomaly
41, 17.376, 310.718

Tritanomaly
41, 15.774, 343.989

Monochromacy



Original Color
41, 24.735, 326.745

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 8.800, 325.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 24.735, 326.745 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(120, 85, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 85, 119)  
}
```

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(120, 85, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 85, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 24.735, 326.745 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(120, 85, 119) }
```

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

```
.border{ border-color:rgb(120, 85, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 85, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 85, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 85, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 85,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 24.735, 326.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 85, 119) }
```

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

```
.background{ background-color: rgb(120, 85,  
119) }
```

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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