

Converting Colors

CIELCh(30, 41.858, 343.062)

Have a look what the booklet for
CIELCh(30, 41.858, 343.062)
contains.

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Color

CIELCh(30, 41.843, 343.126)

Conversions

Conversions Part 1

Format	Color
Hex	77285A
RGB	119, 40, 90
RGB Percent	47%, 16%, 35%
CMY	0.5318, 0.8417, 0.6457
CMYK	0.00, 0.66, 0.24, 0.53
HSL	322°, 49%, 31%
HSV	322°, 66%, 47%
XYZ	10.2919, 6.2359, 10.4114
YIQ	69.3210, 31.0340, 32.2980

Conversions

Conversions Part 2

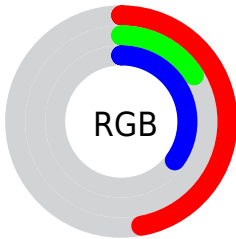
Format	Color
R _Y B	119, 40, 90
Decimal	7809114
CIE Lab	30.00, 40.04, -12.15
CIE LCh	30, 41.843, 343.126
Yxy	6.2359, 0.3820, 0.2315
Android (android.graphics.Color)	4285999194 (0xFF77285A)
YUV	69.3210, 10.1947, 43.5685
Hunter-Lab	24.9718, 29.8665, -7.2392

Details

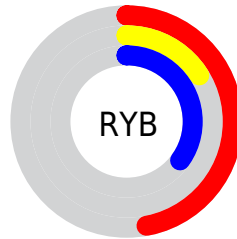
The CIELCh color **30, 41.843, 343.126** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 41.548, 150.290**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 41.772, 343.398**, and **12, 35.223, 345.286** is the 20% darker color. If you saturate the color by 10%, you get **28, 46.016, 344.540**, and if you desaturate by 10%, it is **32, 36.610, 341.923**.

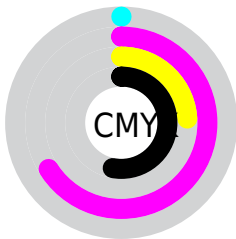
Distribution



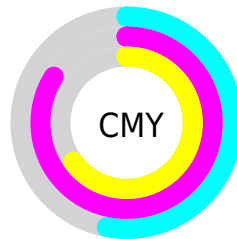
- Red (47%)
- Green (16%)
- Blue (35%)



- Red (47%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (66%)
- Yellow (24%)
- Black (53%)





- Cyan (53%)
- Magenta (84%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 41.843, 343.126 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 30, 41.843, 343.126 by changing the saturation by 10% instead.


 30, 41.843,
343.126


 30, 41.843,
343.126

 100, 41.843,
343.126


 20, 41.843,
343.126


 50, 41.843,
343.126


 10, 41.843,
343.126

 60, 41.843,
343.126

 0, 41.843, 343.126

 70, 41.843,
343.126

 80, 41.843,
343.126

 90, 41.843,
343.126

■ 30, 41.843,
343.126

■ 30, 41.843,
343.126

■ 28, 46.016,
344.540

■ 32, 36.610,
341.923

■ 27, 48.868,
346.240

■ 35, 30.632,
340.870

■ 26, 50.445,
348.266

■ 38, 24.190,
339.930

■ 25, 51.015,
349.044

■ 41, 17.514,
339.073

■ 45, 10.773,
338.281

■ 48, 4.082, 337.516

■ 52, 2.488, 156.999

■ 55, 8.894, 156.294

■ 59, 15.115,
155.689

Harmonies

Complementary

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



30, 41.843, 343.126



44, 41.548, 150.290

Rectangle

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



30, 41.843, 343.126



30, 41.843, 33.126



30, 41.843, 163.126



30, 41.843, 213.126

Sweetspot

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



30, 41.841, 343.127



56, 16.582, 338.617



24, 51.794, 308.537



28, 11.413, 338.798



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



30, 41.841, 343.127



36, 57.625, 345.315



29, 37.350, 18.780



23, 3.674, 337.737



26, 51.910, 349.119



55, 87.111, 350.729

Inverse Universe

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



30, 41.841, 343.127



36, 57.625, 345.315



45, 26.514, 182.731



23, 3.674, 337.737



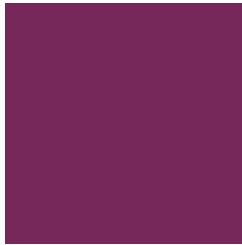
26, 51.910, 349.119



55, 87.111, 350.729

Previews

White Background



This preview shows how the CIE LCh color 30, 41.843, 343.126 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 41.843, 343.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

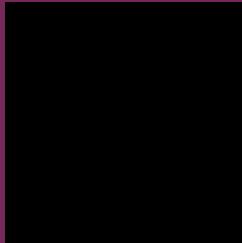
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 41.843, 343.126

Background



This preview shows how black text looks on a background with the CIELCh color 30, 41.843, 343.126.



This preview shows how white text looks on a background with the CIELCh color 30, 41.843, 343.126.

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

30, 41.843, 343.126

Protanopia

30, 27.601, 285.652

Deuteranopia

30, 10.287, 296.571



Tritanopia
30, 31.824, 22.802

Trichromacy



Original Color
30, 41.843, 343.126

Protanomaly
29, 30.549, 309.059

Deuteranomaly
29, 22.245, 327.055

Tritanomaly
30, 32.976, 5.331

Monochromacy



Original Color
30, 41.843, 343.126

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 17.021, 340.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 41.843, 343.126 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(119, 40, 90)` looks like.

```
.text, #text, p{  
    color:rgb(119, 40, 90)  
}
```

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(119, 40, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 40, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 41.843, 343.126 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(119, 40, 90) }
```

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

```
.border{ border-color:rgb(119, 40, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 40, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 40, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 40, 90);  
box-shadow:4px 4px 4px 4px rgb(119, 40,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 41.843, 343.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 40, 90) }
```

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

```
.background{ background-color: rgb(119, 40,  
90) }
```

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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