

Converting Colors

CIELCh(41, 29.312, 326.151)

Have a look what the booklet for
CIELCh(41, 29.312, 326.151)
contains.

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Color

CIELCh(41, 29.312, 326.151)

Conversions

Conversions Part 1

Format	Color
Hex	7C537C
RGB	124, 83, 124
RGB Percent	49%, 33%, 49%
CMY	0.5147, 0.6754, 0.5147
CMYK	0.00, 0.33, 0.00, 0.51
HSL	300°, 20%, 40%
HSV	300°, 33%, 49%
XYZ	14.9721, 11.8645, 20.4859
YIQ	99.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

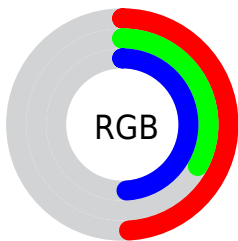
Format	Color
RYB	124, 83, 124
Decimal	8147836
CIELab	41.00, 24.34, -16.33
CIElCh	41, 29.312, 326.151
Yxy	11.8645, 0.3164, 0.2507
Android (android.graphics.Color)	4286337916 (0xFF7C537C)
YUV	99.9330, 11.8650, 21.1068
Hunter-Lab	34.4449, 17.3093, -11.1510

Details

The CIELCh color $41, 29.312, 326.151$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 29.322, 142.191$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 29.550, 325.774$, and $21, 29.025, 326.054$ is the 20% darker color. If you saturate the color by 10%, you get $38, 37.803, 326.634$, and if you desaturate by 10%, it is $44, 20.514, 325.640$.

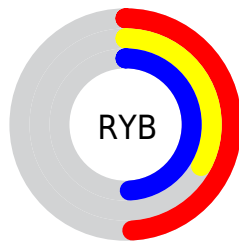
Distribution



Red (49%)

Green (33%)

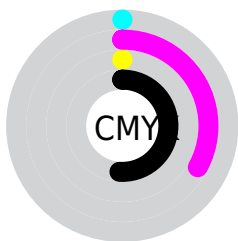
Blue (49%)



Red (49%)

Yellow (33%)

Blue (49%)

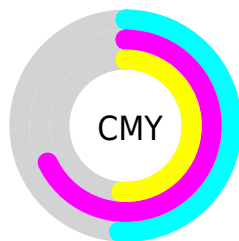


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (68%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 29.312, 326.151 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, 29.312, 326.151 by changing the saturation by 10% instead.


 41, 29.312,
326.151


 41, 29.312,
326.151


 100, 29.312,
326.151


 31, 29.312,
326.151

 61, 29.312,
326.151


 21, 29.312,
326.151

 71, 29.312,
326.151

 11, 29.312,
326.151

 81, 29.312,
326.151

 1, 29.312, 326.151

 91, 29.312,
326.151

 0, 29.312, 326.151

 41, 29.312,

 41, 29.312,

326.151

■ 38, 37.803,
326.634

■ 35, 45.738,
327.074

■ 33, 52.811,
327.457

■ 31, 58.710,
327.770

■ 30, 63.169,
328.001

■ 29, 66.061,
328.148

■ 29, 67.660,
328.229

326.151

■ 44, 20.514,
325.640

■ 47, 11.612,
325.112

■ 51, 2.748, 324.537

■ 54, 5.983, 144.116

■ 58, 14.518,
143.595

■ 62, 22.824,
143.105

■ 65, 30.882,
142.641

■ 69, 38.690,
142.202

■ 72, 46.249,
141.789

Harmonies

Complementary

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



41, 29.312, 326.151



48, 29.322, 142.191

Rectangle

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



41, 29.312, 326.151



41, 29.312, 16.151



41, 29.312, 146.151



41, 29.312, 196.151

Sweetspot

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



41, 29.310, 326.151



62, 10.942, 324.956



37, 24.932, 293.515



32, 7.528, 325.019



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



41, 29.310, 326.151



50, 43.532, 326.533



40, 21.202, 345.689



24, 4.930, 324.891



29, 68.132, 328.229



60, 114.690, 328.229

Inverse Universe

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



40, 18.492, 22.117



48, 28.392, 23.180



48, 20.460, 159.818



24, 2.851, 19.862



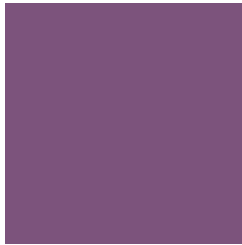
25, 60.073, 38.170



53, 103.778, 39.998

Previews

White Background



This preview shows how the CIELCh color 41, 29.312, 326.151 looks on a white background.

Color Contrast Check

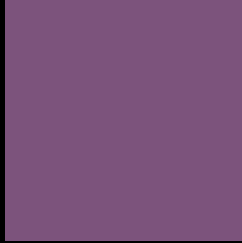
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 29.312, 326.151 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, 29.312, 326.151

Background



This preview shows how black text looks on a background with the CIELCh color 41, 29.312, 326.151.



This preview shows how white text looks on a background with the CIELCh color 41, 29.312, 326.151.

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, 29.312, 326.151

Protanopia

41, 22.574, 284.660

Deuteranopia

41, 15.789, 291.156



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 29.312, 326.151

Protanomaly
41, 24.024, 301.410

Deuteranomaly
41, 19.672, 308.592

Tritanomaly
41, 18.459, 343.820

Monochromacy



Original Color
41, 29.312, 326.151

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 10.977, 325.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 29.312, 326.151 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(124, 83, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 83, 124)  
}
```

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(124, 83, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 83, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 29.312, 326.151 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(124, 83, 124) }
```

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

```
.border{ border-color:rgb(124, 83, 124) }
```

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

Here you see how a box with a 4 pixel rgb(124, 83, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 83, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 83, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 83,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 29.312, 326.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 83, 124) }
```

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

```
.background{ background-color: rgb(124, 83,  
124) }
```

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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