

Converting Colors

CIELCh(41, 25.056, 330.098)

Have a look what the booklet for
CIELCh(41, 25.056, 330.098)
contains.

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Color

CIELCh(41, 25.171, 330.824)

Conversions

Conversions Part 1

Format	Color
Hex	7B5475
RGB	123, 84, 117
RGB Percent	48%, 33%, 46%
CMY	0.5172, 0.6701, 0.5407
CMYK	0.00, 0.32, 0.05, 0.52
HSL	309°, 19%, 41%
HSV	309°, 32%, 48%
XYZ	14.5819, 11.8645, 18.3868
YIQ	99.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

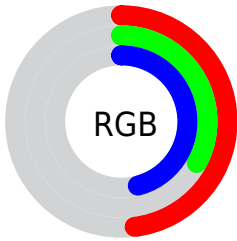
Format	Color
R_{YB}	123, 84, 117
Decimal	8082549
CIE _{Lab}	41.00, 21.98, -12.27
CIE _{LCh}	41, 25.171, 330.824
Yxy	11.8645, 0.3252, 0.2646
Android (android.graphics.Color)	4286272629 (0xFF7B5475)
YUV	99.4230, 8.6655, 20.6770
Hunter-Lab	34.4449, 15.2874, -7.5377

Details

The CIELCh color $41, 25.171, 330.824$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 25.109, 146.716$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 25.196, 330.834$, and $21, 25.120, 330.246$ is the 20% darker color. If you saturate the color by 10%, you get $38, 32.869, 331.437$, and if you desaturate by 10%, it is $44, 17.240, 330.218$.

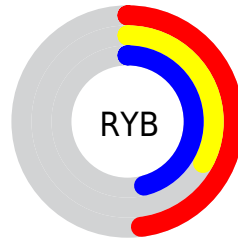
Distribution



Red (48%)

Green (33%)

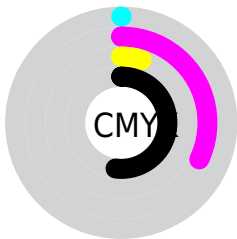
Blue (46%)



Red (48%)

Yellow (33%)

Blue (46%)

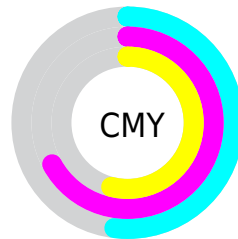


Cyan (0%)

Magenta (32%)

Yellow (5%)

Black (52%)



Cyan (52%)


Magenta (67%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 25.171, 330.824 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, 25.171, 330.824 by changing the saturation by 10% instead.


 41, 25.171,
330.824


 41, 25.171,
330.824


 100, 25.171,
330.824


 31, 25.171,
330.824

 61, 25.171,
330.824


 21, 25.171,
330.824

 71, 25.171,
330.824

 11, 25.171,
330.824


 81, 25.171,
330.824

 1, 25.171, 330.824

 91, 25.171,
330.824

 0, 25.171, 330.824

 41, 25.171,

 41, 25.171,

330.824

38, 32.869,
331.437

35, 40.107,
332.053

33, 46.597,
332.673

31, 52.019,
333.299

29, 56.077,
333.941

28, 58.578,
334.616

27, 60.015,
335.189

330.824

44, 17.240,
330.218

48, 9.253, 329.618

51, 1.327, 328.910

55, 6.462, 148.544

58, 14.067,
147.994

62, 21.465,
147.480

66, 28.645,
146.993

69, 35.608,
146.533

73, 42.360,

Harmonies

Complementary

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



41, 25.171, 330.824



48, 25.109, 146.716

Rectangle

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



41, 25.171, 330.824



41, 25.171, 20.824



41, 25.171, 150.824



41, 25.171, 200.824

Sweetspot

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



41, 25.169, 330.824



62, 9.840, 329.531



38, 24.208, 298.850



32, 6.770, 329.601



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, 25.169, 330.824



50, 37.359, 331.268



40, 18.466, 355.859



24, 4.433, 329.459



28, 60.645, 335.202



58, 101.462, 335.643

Inverse Universe

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



41, 25.169, 330.824



50, 37.359, 331.268



49, 17.150, 169.593



24, 4.433, 329.459



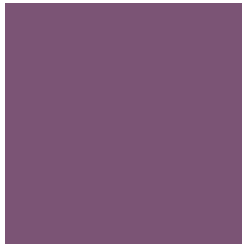
28, 60.645, 335.202



58, 101.462, 335.643

Previews

White Background



This preview shows how the CIELCh color 41, 25.171, 330.824 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, 25.171, 330.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

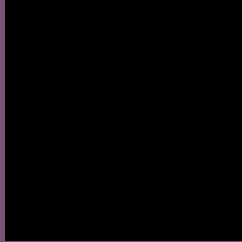
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 25.171, 330.824

Background



This preview shows how black text looks on a background with the CIELCh color 41, 25.171, 330.824.



This preview shows how white text looks on a background with the CIELCh color 41, 25.171, 330.824.

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, 25.171, 330.824

Protanopia

41, 17.700, 284.547

Deuteranopia

41, 12.227, 297.425



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 25.171, 330.824

Protanomaly
41, 18.633, 303.335

Deuteranomaly
41, 16.514, 314.673

Tritanomaly
41, 17.148, 347.794

Monochromacy



Original Color
41, 25.171, 330.824

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 9.297, 329.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 25.171, 330.824 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, 84, 117)` looks like.

```
.text, #text, p{  
    color:rgb(123, 84, 117)  
}
```

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, 84, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 84, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 25.171, 330.824 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, 84, 117) }
```

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

```
.border{ border-color:rgb(123, 84, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 84, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(123, 84,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 25.171, 330.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 84, 117) }
```

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

```
.background{ background-color: rgb(123, 84,  
117) }
```

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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