

Converting Colors

CIELCh(41, 24.934, 328.403)

Have a look what the booklet for
CIELCh(41, 24.934, 328.403)
contains.

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Color

CIELCh(41, 24.474, 328.401)

Conversions

Conversions Part 1

Format	Color
Hex	795576
RGB	121, 85, 118
RGB Percent	47%, 33%, 46%
CMY	0.5256, 0.6667, 0.5373
CMYK	0.00, 0.30, 0.02, 0.53
HSL	305°, 17%, 40%
HSV	305°, 30%, 47%
XYZ	14.3976, 11.8645, 18.6641
YIQ	99.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

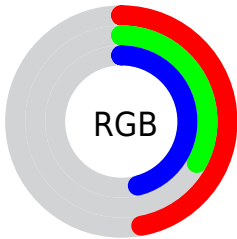
Format	Color
R_{YB}	121, 85, 118
Decimal	7951734
CIE _{Lab}	41.00, 20.85, -12.82
CIE _{LCh}	41, 24.474, 328.401
Yxy	11.8645, 0.3205, 0.2641
Android (android.graphics.Color)	4286141814 (0xFF795576)
YUV	99.5260, 9.1077, 18.8327
Hunter-Lab	34.4449, 14.3326, -8.0150

Details

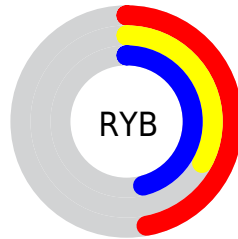
The CIELCh color $41, 24.474, 328.401$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $47, 24.452, 144.760$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 24.507, 328.629$, and $21, 24.684, 328.400$ is the 20% darker color. If you saturate the color by 10%, you get $38, 32.487, 328.950$, and if you desaturate by 10%, it is $44, 16.252, 327.844$.

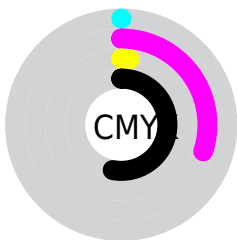
Distribution



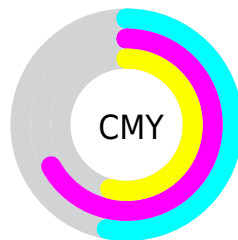
- Red (47%)
- Green (33%)
- Blue (46%)



- Red (47%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (53%)




- Cyan (53%)
- Magenta (67%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 24.474, 328.401 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, 24.474, 328.401 by changing the saturation by 10% instead.


 41, 24.474,
328.401


 41, 24.474,
328.401


 100, 24.474,
328.401


 31, 24.474,
328.401

 61, 24.474,
328.401


 21, 24.474,
328.401

 71, 24.474,
328.401

 11, 24.474,
328.401


 81, 24.474,
328.401

 1, 24.474, 328.401

 91, 24.474,
328.401

 0, 24.474, 328.401

 41, 24.474,

 41, 24.474,

328.401

38, 32.487,
328.950

35, 40.075,
329.482

33, 46.957,
329.989

31, 52.826,
330.464

29, 57.386,
330.905

28, 60.432,
331.314

27, 62.453,
331.703

27, 62.503,
331.712

328.401

44, 16.252,
327.844

47, 7.992, 327.280

51, 0.193, 147.755

54, 8.230, 146.256

58, 16.073,
145.734

62, 23.699,
145.242

65, 31.099,
144.775

69, 38.272,
144.333

72, 45.225,

Harmonies

Complementary

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



41, 24.474, 328.401



47, 24.452, 144.760

Rectangle

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



41, 24.474, 328.401



41, 24.474, 18.401



41, 24.474, 148.401



41, 24.474, 198.401

Sweetspot

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



41, 24.472, 328.401



61, 9.177, 327.250



38, 22.254, 295.841



31, 6.346, 327.319



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, 24.472, 328.401



51, 36.717, 328.794



40, 17.793, 350.220



24, 4.657, 327.241



28, 63.956, 331.725



59, 107.296, 331.930

Inverse Universe

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



41, 24.472, 328.401



51, 36.717, 328.794



48, 16.953, 164.696



24, 4.657, 327.241



28, 63.956, 331.725



59, 107.296, 331.930

Previews

White Background



This preview shows how the CIELCh color 41, 24.474, 328.401 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, 24.474, 328.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

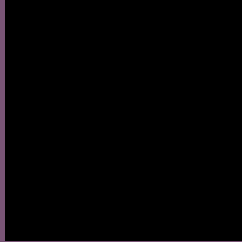
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 24.474, 328.401

Background



This preview shows how black text looks on a background with the CIELCh color 41, 24.474, 328.401.



This preview shows how white text looks on a background with the CIELCh color 41, 24.474, 328.401.

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, 24.474, 328.401

Protanopia

41, 18.296, 284.938

Deuteranopia

41, 12.796, 295.512



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 24.474, 328.401

Protanomaly
41, 19.227, 303.046

Deuteranomaly
41, 16.934, 312.635

Tritanomaly
41, 16.104, 344.988

Monochromacy



Original Color
41, 24.474, 328.401

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 9.034, 327.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 24.474, 328.401 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(121, 85, 118)` looks like.

```
.text, #text, p{  
    color:rgb(121, 85, 118)  
}
```

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(121, 85, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 85, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 24.474, 328.401 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(121, 85, 118) }
```

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

```
.border{ border-color:rgb(121, 85, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 85, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 85, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 85, 118); box-shadow:4px 4px 4px 4px rgb(121, 85, 118) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 24.474, 328.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 85, 118) }
```

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

```
.background{ background-color: rgb(121, 85,  
118) }
```

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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