

Converting Colors

CIELCh(41, 43.364, 314.573)

Have a look what the booklet for
CIELCh(41, 43.364, 314.573)
contains.

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Color

CIELCh(41, 43.364, 314.573)

Conversions

Conversions Part 1

Format	Color
Hex	795094
RGB	121, 80, 148
RGB Percent	47%, 31%, 58%
CMY	0.5267, 0.6874, 0.4209
CMYK	0.18, 0.46, 0.00, 0.42
HSL	276°, 30%, 45%
HSV	276°, 46%, 58%
XYZ	16.0080, 11.8645, 29.3305
YIQ	100.0110, 2.6080, 29.8400

Conversions

Conversions Part 2

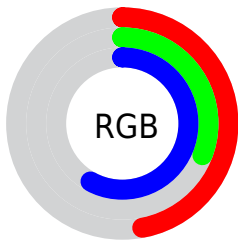
Format	Color
R _Y B	121, 80, 148
Decimal	7950484
CIE Lab	41.00, 30.43, -30.89
CIE LCh	41, 43.364, 314.573
Yxy	11.8645, 0.2798, 0.2074
Android (android.graphics.Color)	4286140564 (0xFF795094)
YUV	100.0110, 23.6586, 18.4074
Hunter-Lab	34.4449, 22.6779, -26.3751

Details

The CIELCh color $41, 43.364, 314.573$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 41.315, 130.477$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 43.352, 314.868$, and $21, 43.610, 314.442$ is the 20% darker color. If you saturate the color by 10%, you get $37, 52.675, 314.961$, and if you desaturate by 10%, it is $45, 33.809, 314.136$.

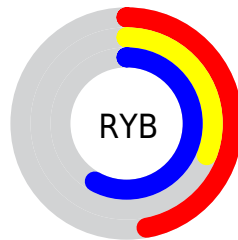
Distribution



Red (47%)

Green (31%)

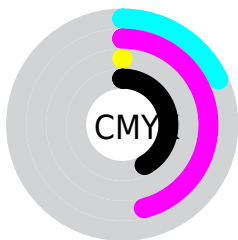
Blue (58%)



Red (47%)

Yellow (31%)

Blue (58%)

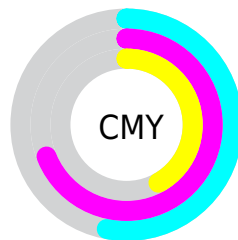


Cyan (18%)

Magenta (46%)

Yellow (0%)

Black (42%)



Cyan (53%)


Magenta (69%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 43.364, 314.573 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, 43.364, 314.573 by changing the saturation by 10% instead.


 41, 43.364,
314.573


 41, 43.364,
314.573


 100, 43.364,
314.573


 31, 43.364,
314.573

 61, 43.364,
314.573


 21, 43.364,
314.573

 71, 43.364,
314.573

 11, 43.364,
314.573

 81, 43.364,
314.573

 1, 43.364, 314.573

 91, 43.364,
314.573

 0, 43.364, 314.573

 41, 43.364,

 41, 43.364,

314.573

■ 37, 52.675,
314.961

■ 33, 61.418,
315.252

■ 30, 69.143,
315.378

■ 27, 75.315,
315.261

■ 25, 79.571,
314.844

■ 24, 81.123,
314.678

314.573

■ 45, 33.809,
314.136

■ 50, 24.232,
313.683

■ 54, 14.765,
313.236

■ 58, 5.488, 312.799

■ 63, 3.558, 132.460

■ 68, 12.354,
132.074

■ 72, 20.894,
131.742

■ 77, 29.181,
131.446

■ 81, 37.224,
131.182

Harmonies

Complementary

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



41, 43.364, 314.573



57, 41.315, 130.477

Rectangle

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



41, 43.364, 314.573



41, 43.364, 4.573



41, 43.364, 134.573



41, 43.364, 184.573

Sweetspot

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



41, 43.363, 314.573



70, 15.894, 313.159



45, 25.448, 273.515



36, 11.085, 313.246



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



41, 43.363, 314.573



48, 63.843, 314.964



44, 43.381, 329.880



29, 5.170, 312.938



23, 77.053, 314.746



1, 4.474, 312.576

Inverse Universe

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



43, 31.942, 354.844



51, 46.692, 356.628



56, 43.521, 143.604



29, 3.809, 350.346



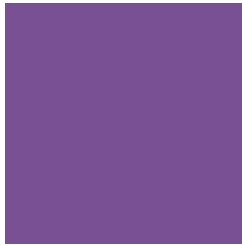
29, 53.540, 10.567



1, 3.285, 349.586

Previews

White Background



This preview shows how the CIELCh color 41, 43.364, 314.573 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, 43.364, 314.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

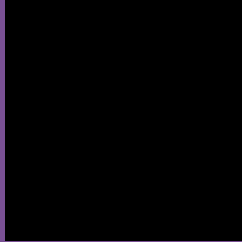
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 43.364, 314.573

Background



This preview shows how black text looks on a background with the CIELCh color 41, 43.364, 314.573.



This preview shows how white text looks on a background with the CIELCh color 41, 43.364, 314.573.

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, 43.364, 314.573

Protanopia

41, 40.171, 285.777

Deuteranopia

41, 29.480, 282.056



Tritanopia
41, 10.250, 356.542

Trichromacy



Original Color
41, 43.364, 314.573

Protanomaly
41, 40.682, 295.502

Deuteranomaly
41, 33.478, 296.101

Tritanomaly
41, 21.035, 325.732

Monochromacy



Original Color
41, 43.364, 314.573

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 15.761, 314.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 43.364, 314.573 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, 80, 148)` looks like.

```
.text, #text, p{  
    color:rgb(121, 80, 148)  
}
```

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, 80, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 80, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 43.364, 314.573 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, 80, 148) }
```

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

```
.border{ border-color:rgb(121, 80, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 80, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 80, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 80, 148);  
box-shadow:4px 4px 4px 4px rgb(121, 80,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 43.364, 314.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 80, 148) }
```

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

```
.background{ background-color: rgb(121, 80,  
148) }
```

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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