

Converting Colors

CIELCh(41, 20.700, 333.068)

Have a look what the booklet for
CIELCh(41, 20.700, 333.068)
contains.

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Color

CIELCh(41, 20.852, 333.586)

Conversions

Conversions Part 1

Format	Color
Hex	785670
RGB	120, 86, 112
RGB Percent	47%, 34%, 44%
CMY	0.5287, 0.6620, 0.5601
CMYK	0.00, 0.28, 0.07, 0.53
HSL	314°, 16%, 40%
HSV	314°, 28%, 47%
XYZ	14.0488, 11.8645, 16.9327
YIQ	99.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

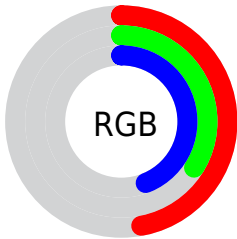
Format	Color
R_{YB}	120, 86, 112
Decimal	7886448
CIE _{Lab}	41.00, 18.68, -9.28
CIE _{LCh}	41, 20.852, 333.586
Yxy	11.8645, 0.3279, 0.2769
Android (android.graphics.Color)	4286076528 (0xFF785670)
YUV	99.1300, 6.3449, 18.3030
Hunter-Lab	34.4449, 12.5248, -5.0347

Details

The CIELCh color $41, 20.852, 333.586$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $47, 20.725, 149.749$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 21.101, 333.472$, and $21, 20.828, 334.071$ is the 20% darker color. If you saturate the color by 10%, you get $38, 28.103, 334.281$, and if you desaturate by 10%, it is $44, 13.459, 332.919$.

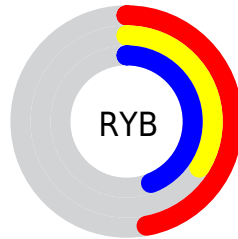
Distribution



Red (47%)

Green (34%)

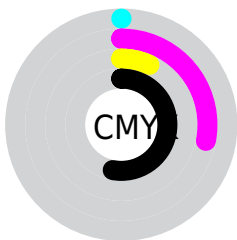
Blue (44%)



Red (47%)

Yellow (34%)

Blue (44%)

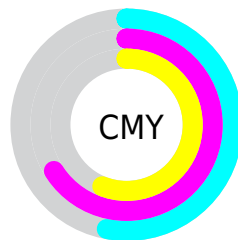


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (53%)



Cyan (53%)


Magenta (66%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 20.852, 333.586 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, 20.852, 333.586 by changing the saturation by 10% instead.


 41, 20.852,
333.586


 41, 20.852,
333.586


 100, 20.852,
333.586


 31, 20.852,
333.586

 61, 20.852,
333.586


 21, 20.852,
333.586

 71, 20.852,
333.586

 11, 20.852,
333.586


 81, 20.852,
333.586

 1, 20.852, 333.586

 91, 20.852,
333.586

 0, 20.852, 333.586

 41, 20.852,

 41, 20.852,

333.586

333.586

38, 28.103,
334.281

44, 13.459,
332.919

35, 35.018,
335.008

48, 6.068, 332.266

32, 41.341,
335.776

51, 1.229, 151.875

55, 8.373, 151.146

30, 46.768,
336.599

58, 15.334,
150.585

28, 50.989,
337.502

62, 22.096,
150.060

27, 53.761,
338.519

65, 28.655,
149.564

26, 55.363,
339.643

69, 35.016,
149.096

26, 55.636,
339.832

73, 41.187,

Harmonies

Complementary

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



41, 20.852, 333.586



47, 20.725, 149.749

Rectangle

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



41, 20.852, 333.586



41, 20.852, 23.586



41, 20.852, 153.586



41, 20.852, 203.586

Sweetspot

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



41, 20.850, 333.587



61, 7.227, 332.259



39, 21.178, 301.327



31, 5.181, 332.344



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, 20.850, 333.587



50, 30.884, 334.037



40, 15.574, 1.247



24, 4.184, 332.318



27, 57.172, 339.890



57, 95.403, 340.687

Inverse Universe

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



41, 20.850, 333.587



50, 30.884, 334.037



48, 14.240, 175.709



24, 4.184, 332.318



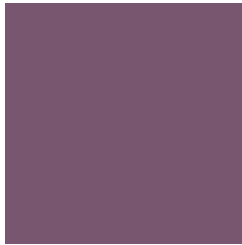
27, 57.172, 339.890



57, 95.403, 340.687

Previews

White Background



This preview shows how the CIELCh color 41, 20.852, 333.586 looks on a white background.

Color Contrast Check

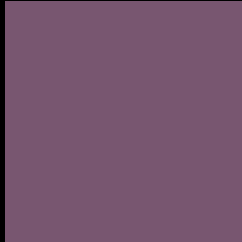
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.852, 333.586 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, 20.852, 333.586

Background



This preview shows how black text looks on a background with the CIELCh color 41, 20.852, 333.586.



This preview shows how white text looks on a background with the CIELCh color 41, 20.852, 333.586.

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, 20.852, 333.586

Protanopia

41, 14.001, 286.098

Deuteranopia

41, 10.646, 304.585



Tritanopia
41, 13.122, 2.613

Trichromacy



Original Color
41, 20.852, 333.586

Protanomaly
41, 15.766, 306.593

Deuteranomaly
41, 13.804, 319.558

Tritanomaly
41, 15.486, 348.696

Monochromacy



Original Color
41, 20.852, 333.586

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 8.123, 332.336

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 20.852, 333.586 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(120, 86, 112)` looks like.

```
.text, #text, p{  
    color:rgb(120, 86, 112)  
}
```

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(120, 86, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 86, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 20.852, 333.586 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(120, 86, 112) }
```

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

```
.border{ border-color:rgb(120, 86, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 86, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 86, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 86, 112);  
box-shadow:4px 4px 4px 4px rgb(120, 86,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 20.852, 333.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 86, 112) }
```

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

```
.background{ background-color: rgb(120, 86,  
112) }
```

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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