

Converting Colors

CIELCh(41, 34.643, 318.015)

Have a look what the booklet for
CIELCh(41, 34.643, 318.015)
contains.

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Color

CIELCh(41, 34.958, 317.888)

Conversions

Conversions Part 1

Format	Color
Hex	785287
RGB	120, 82, 135
RGB Percent	47%, 32%, 53%
CMY	0.5280, 0.6771, 0.4692
CMYK	0.11, 0.39, 0.00, 0.47
HSL	283°, 24%, 43%
HSV	283°, 39%, 53%
XYZ	15.2380, 11.8645, 24.5434
YIQ	99.4040, 5.6350, 24.5390

Conversions

Conversions Part 2

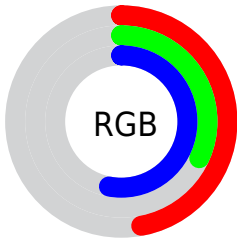
Format	Color
R_{YB}	120, 82, 135
Decimal	7885447
CIE _{Lab}	41.00, 25.93, -23.44
CIE _{LCh}	41, 34.958, 317.888
Yxy	11.8645, 0.2950, 0.2297
Android (android.graphics.Color)	4286075527 (0xFF785287)
YUV	99.4040, 17.5488, 18.0627
Hunter-Lab	34.4449, 18.6873, -18.1351

Details

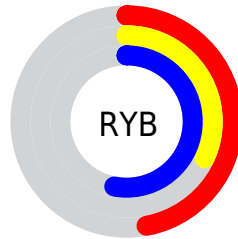
The CIELCh color $[41, 34.958, 317.888]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[53, 34.059, 134.373]$, and the grayscale version is $[42, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 34.790, 318.011]$, and $[21, 34.743, 317.715]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 43.770, 318.261]$, and if you desaturate by 10%, it is $[45, 25.955, 317.478]$.

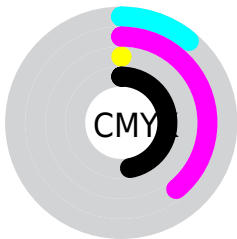
Distribution



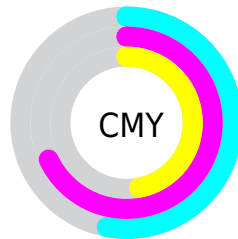
- Red (47%)
- Green (32%)
- Blue (53%)



- Red (47%)
- Yellow (32%)
- Blue (53%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 34.958, 317.888 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, 34.958, 317.888 by changing the saturation by 10% instead.

 41, 34.958,
317.888

 41, 34.958,
317.888


 100, 34.958,
317.888

 31, 34.958,
317.888

 61, 34.958,
317.888


 21, 34.958,
317.888

 71, 34.958,
317.888


 11, 34.958,
317.888


 81, 34.958,
317.888

 1, 34.958, 317.888

 91, 34.958,
317.888

 0, 34.958, 317.888

 41, 34.958,

 41, 34.958,

317.888

317.888

37, 43.770,
318.261

45, 25.955,
317.478

34, 52.138,
318.562

49, 16.942,
317.053

31, 59.714,
318.748

53, 8.030, 316.626

28, 66.082,
318.765

57, 0.711, 136.436

61, 9.242, 135.875

26, 70.829,
318.557

65, 17.545,
135.514

25, 74.188,
318.167

69, 25.613,
135.185

25, 74.472,
318.139

73, 33.448,
134.886

77, 41.055,

Harmonies

Complementary

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



41, 34.958, 317.888



53, 34.059, 134.373

Rectangle

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



41, 34.958, 317.888



41, 34.958, 7.888



41, 34.958, 137.888



41, 34.958, 187.888

Sweetspot

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



41, 34.957, 317.888



66, 13.057, 316.758



42, 23.355, 280.978



34, 8.738, 316.805



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 34.957, 317.888



49, 51.862, 318.221



42, 32.058, 333.637



27, 5.011, 316.626



24, 73.360, 318.157



0, 2.305, 316.269

Inverse Universe

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



41, 24.252, 1.687



50, 36.252, 3.221



52, 31.920, 148.021



27, 3.372, 357.929



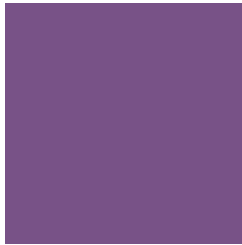
27, 53.901, 20.904



0, 1.536, 357.151

Previews

White Background



This preview shows how the CIELCh color 41, 34.958, 317.888 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, 34.958, 317.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

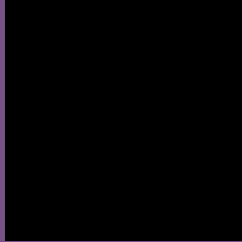
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 34.958, 317.888

Background



This preview shows how black text looks on a background with the CIELCh color 41, 34.958, 317.888.



This preview shows how white text looks on a background with the CIELCh color 41, 34.958, 317.888.

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, 34.958, 317.888

Protanopia

41, 31.107, 285.317

Deuteranopia

41, 22.574, 284.660



Tritanopia
41, 11.464, 359.473

Trichromacy



Original Color
41, 34.958, 317.888

Protanomaly
41, 31.704, 297.153

Deuteranomaly
41, 26.334, 299.348

Tritanomaly
41, 18.943, 332.076

Monochromacy



Original Color
41, 34.958, 317.888

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 12.682, 315.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 34.958, 317.888 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, 82, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 82, 135)  
}
```

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, 82, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 82, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 34.958, 317.888 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, 82, 135) }
```

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

```
.border{ border-color:rgb(120, 82, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 82, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 82, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 82, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 82,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 34.958, 317.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 82, 135) }
```

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

```
.background{ background-color: rgb(120, 82,  
135) }
```

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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