

Converting Colors

CIELCh(41, 21.632, 335.594)

Have a look what the booklet for
CIELCh(41, 21.632, 335.594)
contains.

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Color

CIELCh(41, 22.079, 335.126)

Conversions

Conversions Part 1

Format	Color
Hex	7A5570
RGB	122, 85, 112
RGB Percent	48%, 33%, 44%
CMY	0.5206, 0.6657, 0.5598
CMYK	0.00, 0.30, 0.08, 0.52
HSL	316°, 18%, 41%
HSV	316°, 30%, 48%
XYZ	14.2660, 11.8645, 16.9378
YIQ	99.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

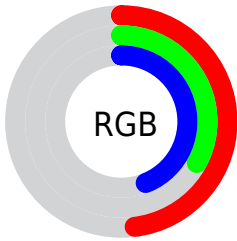
Format	Color
R_{YB}	122, 85, 112
Decimal	8017264
CIE _{Lab}	41.00, 20.03, -9.29
CIE _{LCh}	41, 22.079, 335.126
Yxy	11.8645, 0.3312, 0.2755
Android (android.graphics.Color)	4286207344 (0xFF7A5570)
YUV	99.1410, 6.3395, 20.0473
Hunter-Lab	34.4449, 13.6507, -5.0435

Details

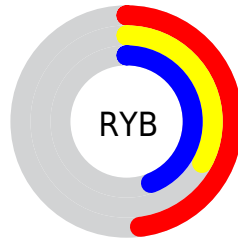
The CIELCh color $41, 22.079, 335.126$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $48, 21.895, 150.836$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 22.272, 334.837$, and $21, 22.079, 335.886$ is the 20% darker color. If you saturate the color by 10%, you get $38, 29.219, 335.874$, and if you desaturate by 10%, it is $44, 14.769, 334.418$.

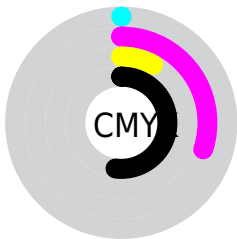
Distribution



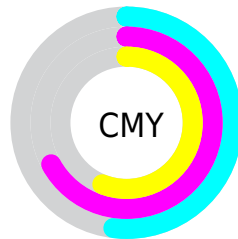
- Red (48%)
- Green (33%)
- Blue (44%)



- Red (48%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 22.079, 335.126 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, 22.079, 335.126 by changing the saturation by 10% instead.


 41, 22.079,
335.126


 41, 22.079,
335.126


 100, 22.079,
335.126


 31, 22.079,
335.126

 61, 22.079,
335.126


 21, 22.079,
335.126

 71, 22.079,
335.126

 11, 22.079,
335.126


 81, 22.079,
335.126

 1, 22.079, 335.126

 91, 22.079,
335.126

 0, 22.079, 335.126

 41, 22.079,

 41, 22.079,

335.126

335.126

38, 29.219,
335.874

44, 14.769,
334.418

35, 35.985,
336.669

48, 7.445, 333.736

32, 42.105,
337.528

51, 0.204, 332.010

55, 6.890, 152.568

30, 47.265,
338.474

58, 13.804,
151.982

29, 51.158,
339.543

62, 20.520,
151.439

27, 53.557,
340.783

66, 27.033,
150.927

26, 54.977,
342.103

69, 33.348,
150.445

73, 39.473,

149.990

Harmonies

Complementary

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



41, 22.079, 335.126



48, 21.895, 150.836

Rectangle

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



41, 22.079, 335.126



41, 22.079, 25.126



41, 22.079, 155.126



41, 22.079, 205.126

Sweetspot

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



41, 22.077, 335.127



61, 8.041, 333.664



39, 23.126, 302.632



31, 5.562, 333.746



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, 22.077, 335.127



50, 32.317, 335.614



40, 16.784, 3.955



24, 4.081, 333.654



27, 55.825, 342.143



56, 93.082, 343.122

Inverse Universe

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



41, 22.077, 335.127



50, 32.317, 335.614



48, 15.065, 177.983



24, 4.081, 333.654



27, 55.825, 342.143



56, 93.082, 343.122

Previews

White Background



This preview shows how the CIELCh color 41, 22.079, 335.126 looks on a white background.

Color Contrast Check

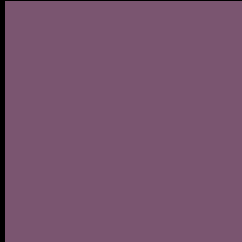
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.079, 335.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

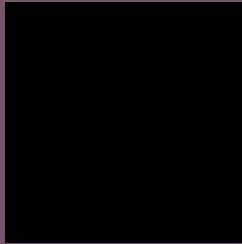
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 22.079, 335.126

Background



This preview shows how black text looks on a background with the CIELCh color 41, 22.079, 335.126.



This preview shows how white text looks on a background with the CIELCh color 41, 22.079, 335.126.

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, 22.079, 335.126

Protanopia

41, 14.602, 286.464

Deuteranopia

41, 10.646, 304.585



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 22.079, 335.126

Protanomaly
41, 15.864, 307.973

Deuteranomaly
41, 13.992, 321.063

Tritanomaly
41, 16.589, 351.376

Monochromacy



Original Color
41, 22.079, 335.126

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, 22.079, 335.126 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(122, 85, 112)` looks like.

```
.text, #text, p{  
    color:rgb(122, 85, 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(122, 85, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 85, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 22.079, 335.126 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(122, 85, 112) }
```

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

```
.border{ border-color:rgb(122, 85, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 85, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 85, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 85, 112);  
box-shadow:4px 4px 4px 4px rgb(122, 85,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 22.079, 335.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 85, 112) }
```

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

```
.background{ background-color: rgb(122, 85,  
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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