

Converting Colors

CIELCh(41, 22.237, 334.289)

Have a look what the booklet for
CIELCh(41, 22.237, 334.289)
contains.

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Color

CIELCh(41, 22.494, 334.037)

Conversions

Conversions Part 1

Format	Color
Hex	7A5571
RGB	122, 85, 113
RGB Percent	48%, 33%, 44%
CMY	0.5210, 0.6661, 0.5563
CMYK	0.00, 0.30, 0.07, 0.52
HSL	315°, 18%, 41%
HSV	315°, 30%, 48%
XYZ	14.2972, 11.8645, 17.2040
YIQ	99.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

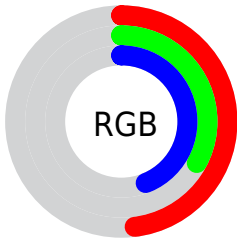
Format	Color
R_{YB}	122, 85, 113
Decimal	8017265
CIE Lab	41.00, 20.22, -9.85
CIE LCh	41, 22.494, 334.037
Yxy	11.8645, 0.3297, 0.2736
Android (android.graphics.Color)	4286207345 (0xFF7A5571)
YUV	99.2550, 6.7763, 19.9474
Hunter-Lab	34.4449, 13.8119, -5.5019

Details

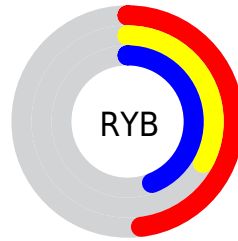
The CIELCh color **41, 22.494, 334.037** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **48, 22.344, 149.848**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 22.664, 333.839**, and **21, 22.520, 334.661** is the 20% darker color. If you saturate the color by 10%, you get **38, 29.753, 334.749**, and if you desaturate by 10%, it is **44, 15.057, 333.356**.

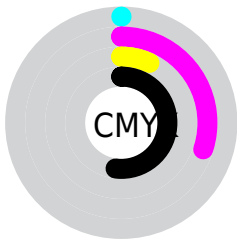
Distribution



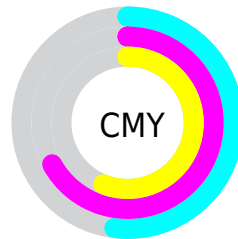
- Red (48%)
- Green (33%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (52%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 22.494, 334.037 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, 22.494, 334.037 by changing the saturation by 10% instead.


 41, 22.494,
334.037


 41, 22.494,
334.037


 100, 22.494,
334.037


 31, 22.494,
334.037

 61, 22.494,
334.037


 21, 22.494,
334.037

 71, 22.494,
334.037

 11, 22.494,
334.037


 81, 22.494,
334.037

 1, 22.494, 334.037

 91, 22.494,
334.037

 0, 22.494, 334.037

 41, 22.494,

 41, 22.494,

334.037

334.037

■ 38, 29.753,
334.749

■ 44, 15.057,
333.356

■ 35, 36.626,
335.498

■ 48, 7.599, 332.696

■ 32, 42.840,
336.295

■ 51, 0.221, 331.096

■ 55, 7.011, 151.553

■ 30, 48.081,
337.158

■ 58, 14.062,
150.979

■ 29, 52.041,
338.114

■ 62, 20.914,
150.444

■ 27, 54.497,
339.205

■ 66, 27.561,
149.940

■ 27, 55.964,
340.352

■ 69, 34.006,
149.464

■ 73, 40.257,

Harmonies

Complementary

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



41, 22.494, 334.037



48, 22.344, 149.848

Rectangle

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



41, 22.494, 334.037



41, 22.494, 24.037



41, 22.494, 154.037



41, 22.494, 204.037

Sweetspot

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



41, 22.492, 334.038



61, 8.198, 332.624



38, 23.062, 301.507



31, 5.670, 332.704



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, 22.492, 334.038



50, 32.918, 334.501



40, 16.954, 1.517



24, 4.160, 332.614



27, 56.859, 340.387



57, 94.861, 341.224

Inverse Universe

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



41, 22.492, 334.038



50, 32.918, 334.501



48, 15.395, 175.497



24, 4.160, 332.614



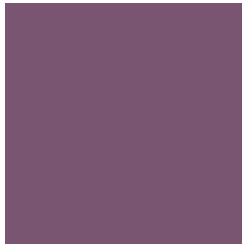
27, 56.859, 340.387



57, 94.861, 341.224

Previews

White Background



This preview shows how the CIELCh color 41, 22.494, 334.037 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, 22.494, 334.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

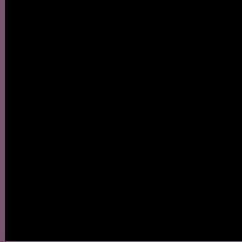
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 22.494, 334.037

Background



This preview shows how black text looks on a background with the CIELCh color 41, 22.494, 334.037.



This preview shows how white text looks on a background with the CIELCh color 41, 22.494, 334.037.

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, 22.494, 334.037

Protanopia

41, 15.234, 285.437

Deuteranopia

41, 9.949, 303.083



Tritanopia
41, 14.399, 4.554

Trichromacy



Original Color
41, 22.494, 334.037

Protanomaly
41, 16.351, 306.100

Deuteranomaly
41, 14.515, 319.880

Tritanomaly
41, 16.860, 349.554

Monochromacy



Original Color
41, 22.494, 334.037

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, 22.494, 334.037 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(122, 85, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 85, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 22.494, 334.037 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, 113) }
```

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

```
.border{ border-color:rgb(122, 85, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 85, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 85, 113);  
box-shadow:4px 4px 4px 4px rgb(122, 85,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 22.494, 334.037 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, 113) }
```

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

```
.background{ background-color: rgb(122, 85,  
113) }
```

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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