

Converting Colors

CIELCh(47, 33.471, 321.814)

Have a look what the booklet for
CIELCh(47, 33.471, 321.814)
contains.

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Color

CIELCh(47, 33.505, 322.110)

Conversions

Conversions Part 1

Format	Color
Hex	8B6092
RGB	139, 96, 146
RGB Percent	55%, 38%, 57%
CMY	0.4537, 0.6224, 0.4262
CMYK	0.05, 0.34, 0.00, 0.43
HSL	292°, 21%, 48%
HSV	292°, 34%, 57%
XYZ	20.1210, 16.0195, 29.3518
YIQ	114.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

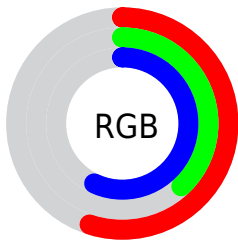
Format	Color
R_{YB}	139, 96, 146
Decimal	9134226
CIE _{Lab}	47.00, 26.44, -20.58
CIE _{LCh}	47, 33.505, 322.110
Yxy	16.0195, 0.3072, 0.2446
Android (android.graphics.Color)	4287324306 (0xFF8B6092)
YUV	114.5570, 15.5014, 21.4365
Hunter-Lab	40.0243, 19.6928, -15.4632

Details

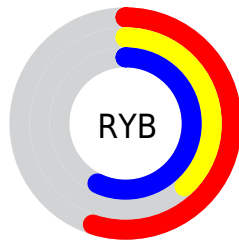
The CIELCh color $47, 33.505, 322.110$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 33.187, 138.637$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 33.580, 322.035$, and $27, 33.664, 322.358$ is the 20% darker color. If you saturate the color by 10%, you get $43, 43.070, 322.520$, and if you desaturate by 10%, it is $51, 23.688, 321.667$.

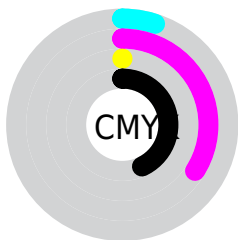
Distribution



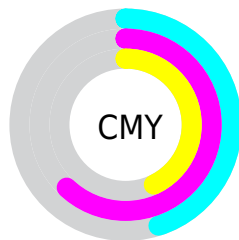
- Red (55%)
- Green (38%)
- Blue (57%)



- Red (55%)
- Yellow (38%)
- Blue (57%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)





- Cyan (45%)
- Magenta (62%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 33.505, 322.110 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 47, 33.505, 322.110 by changing the saturation by 10% instead.


 47, 33.505,
322.110


 47, 33.505,
322.110


 100, 33.505,
322.110


 37, 33.505,
322.110

 67, 33.505,
322.110


 27, 33.505,
322.110

 77, 33.505,
322.110

 17, 33.505,
322.110

 87, 33.505,
322.110

 7, 33.505, 322.110

 97, 33.505,
322.110

 0, 33.505, 322.110

 47, 33.505,

 47, 33.505,

322.110

■ 43, 43.070,
322.520

■ 40, 52.111,
322.871

■ 37, 60.271,
323.136

■ 35, 67.149,
323.282

■ 33, 72.363,
323.277

■ 31, 75.686,
323.097

■ 31, 77.206,
322.960

322.110

■ 51, 23.688,
321.667

■ 55, 13.825,
321.206

■ 59, 4.050, 320.721

■ 63, 5.551, 140.353

■ 67, 14.927,
139.907

■ 72, 24.049,
139.500

■ 76, 32.908,
139.119

■ 80, 41.503,
138.766

■ 84, 49.840,
138.440

Harmonies

Complementary

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



47, 33.505, 322.110



56, 33.187, 138.637

Rectangle

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



47, 33.505, 322.110



47, 33.505, 12.110



47, 33.505, 142.110



47, 33.505, 192.110

Sweetspot

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



47, 33.503, 322.110



72, 12.092, 321.020



45, 25.437, 287.910



38, 8.323, 321.080



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



47, 33.503, 322.110



57, 49.817, 322.429



47, 27.328, 338.980



29, 5.535, 320.972



29, 73.865, 322.987



1, 4.807, 320.573

Inverse Universe

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



46, 21.803, 11.649



56, 33.083, 12.901



56, 26.886, 153.525



29, 3.395, 8.653



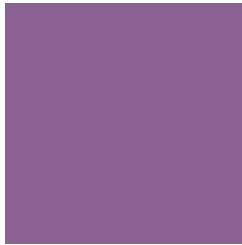
28, 60.344, 32.280



1, 2.894, 7.932

Previews

White Background



This preview shows how the CIELCh color 47, 33.505, 322.110 looks on a white background.

Color Contrast Check

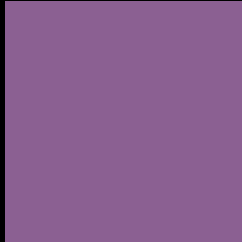
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 33.505, 322.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

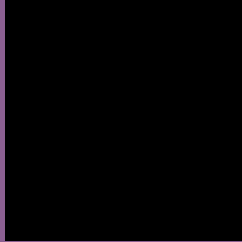
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 33.505, 322.110

Background



This preview shows how black text looks on a background with the CIELCh color 47, 33.505, 322.110.



This preview shows how white text looks on a background with the CIELCh color 47, 33.505, 322.110.

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
47, 33.505, 322.110

Protanopia
47, 27.967, 285.082

Deuteranopia
47, 20.135, 288.810



Tritanopia
47, 13.759, 1.256

Trichromacy



Original Color
47, 33.505, 322.110

Protanomaly
47, 28.651, 298.748

Deuteranomaly
47, 24.283, 304.442

Tritanomaly
47, 19.483, 337.929

Monochromacy



Original Color
47, 33.505, 322.110

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 12.421, 322.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 33.505, 322.110 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(139, 96, 146)` looks like.

```
.text, #text, p{  
    color:rgb(139, 96, 146)  
}
```

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(139, 96, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 96, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 33.505, 322.110 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(139, 96, 146) }
```

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

```
.border{ border-color:rgb(139, 96, 146) }
```

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

Here you see how a box with a 4 pixel rgb(139, 96, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 96, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 96, 146);  
box-shadow:4px 4px 4px 4px rgb(139, 96,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 33.505, 322.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 96, 146) }
```

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

```
.background{ background-color: rgb(139, 96,  
146) }
```

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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