

Converting Colors

CIELCh(47, 25.378, 323.447)

Have a look what the booklet for
CIELCh(47, 25.378, 323.447)
contains.

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Color

CIELCh(47, 25.470, 323.529)

Conversions

Conversions Part 1

Format	Color
Hex	866489
RGB	134, 100, 137
RGB Percent	53%, 39%, 54%
CMY	0.4741, 0.6074, 0.4623
CMYK	0.02, 0.27, 0.00, 0.46
HSL	295°, 16%, 47%
HSV	295°, 27%, 54%
XYZ	18.9377, 16.0195, 25.7998
YIQ	114.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

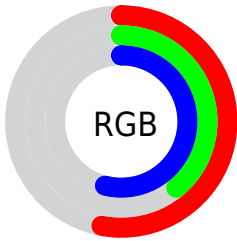
Format	Color
RYB	134, 100, 137
Decimal	8807561
CIELab	47.00, 20.48, -15.14
CIElCh	47, 25.470, 323.529
Yxy	16.0195, 0.3117, 0.2637
Android (android.graphics.Color)	4286997641 (0xFF866489)
YUV	114.3840, 11.1497, 17.2032
Hunter-Lab	40.0243, 14.4156, -10.2015

Details

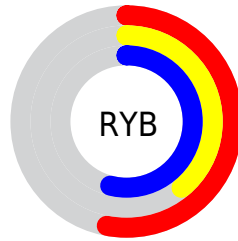
The CIELCh color $47, 25.470, 323.529$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 25.356, 140.677$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 25.469, 324.102$, and $27, 25.253, 323.778$ is the 20% darker color. If you saturate the color by 10%, you get $44, 34.811, 323.987$, and if you desaturate by 10%, it is $51, 15.991, 323.049$.

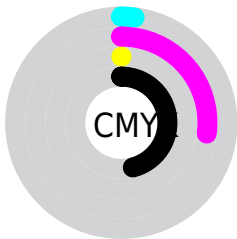
Distribution



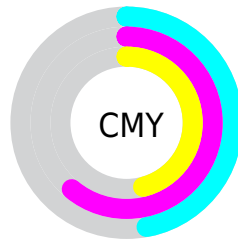
- Red (53%)
- Green (39%)
- Blue (54%)



- Red (53%)
- Yellow (39%)
- Blue (54%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (46%)





- Cyan (47%)
- Magenta (61%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 25.470, 323.529 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, 25.470, 323.529 by changing the saturation by 10% instead.


 47, 25.470,
323.529


 47, 25.470,
323.529


 100, 25.470,
323.529


 37, 25.470,
323.529

 67, 25.470,
323.529


 27, 25.470,
323.529

 77, 25.470,
323.529

 17, 25.470,
323.529

 87, 25.470,
323.529

 7, 25.470, 323.529

 97, 25.470,
323.529

 0, 25.470, 323.529

 47, 25.470,

 47, 25.470,

323.529

■ 44, 34.811,
323.987

■ 40, 43.796,
324.407

■ 37, 52.131,
324.768

■ 35, 59.467,
325.045

■ 33, 65.441,
325.215

■ 31, 69.756,
325.258

■ 30, 72.463,
325.178

■ 30, 73.211,
325.151

323.529

■ 51, 15.991,
323.049

■ 54, 6.539, 322.551

■ 58, 2.783, 142.169


■ 62, 11.908,
141.658

■ 66, 20.797,
141.209

■ 70, 29.434,
140.788

■ 74, 37.811,
140.392

■ 78, 45.932,
140.023

 82, 53.805,
139.681

Harmonies

Complementary

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



47, 25.470, 323.529



54, 25.356, 140.677

Rectangle

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



47, 25.470, 323.529



47, 25.470, 13.529



47, 25.470, 143.529



47, 25.470, 193.529

Sweetspot

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



47, 25.468, 323.529



69, 9.293, 322.612



45, 20.295, 289.881



35, 6.585, 322.681



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



47, 25.468, 323.529



58, 37.428, 323.795



47, 19.577, 341.565



27, 5.307, 322.662



29, 71.459, 325.160



0, 2.448, 322.242

Inverse Universe

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



46, 15.960, 15.185



57, 23.877, 15.928



54, 19.174, 157.187



27, 3.162, 13.328



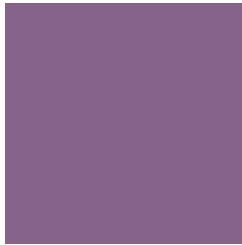
27, 60.673, 35.360



0, 1.426, 12.694

Previews

White Background



This preview shows how the CIELCh color 47, 25.470, 323.529 looks on a white background.

Color Contrast Check

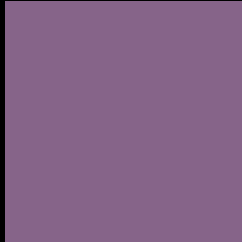
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.470, 323.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

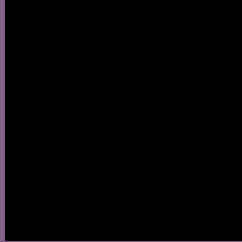
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 25.470, 323.529

Background



This preview shows how black text looks on a background with the CIELCh color 47, 25.470, 323.529.



This preview shows how white text looks on a background with the CIELCh color 47, 25.470, 323.529.

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, 25.470, 323.529

Protanopia

47, 20.211, 285.861

Deuteranopia

47, 15.448, 295.002



Tritanopia
47, 11.753, 357.342

Trichromacy



Original Color
47, 25.470, 323.529

Protanomaly
47, 21.052, 300.900

Deuteranomaly
47, 18.535, 307.799

Tritanomaly
47, 16.190, 337.715

Monochromacy



Original Color
47, 25.470, 323.529

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 9.094, 322.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 25.470, 323.529 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(134, 100, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 100, 137)  
}
```

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(134, 100, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 100, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 25.470, 323.529 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(134, 100, 137) }
```

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

```
.border{ border-color:rgb(134, 100, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 100, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 100, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 100, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 100,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 25.470, 323.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 100, 137) }
```

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

```
.background{ background-color: rgb(134,  
100, 137) }
```

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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