

Converting Colors

CIELCh(47, 27.959, 331.032)

Have a look what the booklet for
CIELCh(47, 27.959, 331.032)
contains.

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Color

CIELCh(47, 28.260, 330.909)

Conversions

Conversions Part 1

Format	Color
Hex	8E6187
RGB	142, 97, 135
RGB Percent	56%, 38%, 53%
CMY	0.4435, 0.6200, 0.4710
CMYK	0.00, 0.32, 0.05, 0.44
HSL	309°, 19%, 47%
HSV	309°, 32%, 56%
XYZ	19.7692, 16.0195, 24.9342
YIQ	114.7870, 14.6220, 21.3580

Conversions

Conversions Part 2

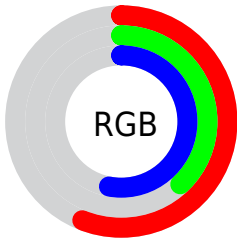
Format	Color
R_{YB}	142, 97, 135
Decimal	9331079
CIE _{Lab}	47.00, 24.69, -13.74
CIE _{LCh}	47, 28.260, 330.909
Yxy	16.0195, 0.3256, 0.2638
Android (android.graphics.Color)	4287521159 (0xFF8E6187)
YUV	114.7870, 9.9650, 23.8658
Hunter-Lab	40.0243, 18.1239, -8.9193

Details

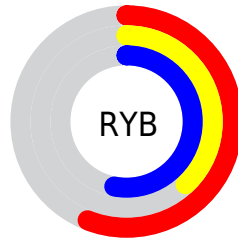
The CIELCh color $47, 28.260, 330.909$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 28.190, 146.727$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 28.226, 330.886$, and $27, 28.486, 331.219$ is the 20% darker color. If you saturate the color by 10%, you get $44, 36.877, 331.532$, and if you desaturate by 10%, it is $51, 19.367, 330.293$.

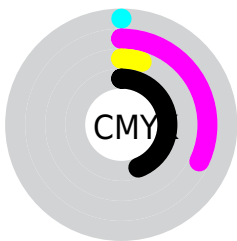
Distribution



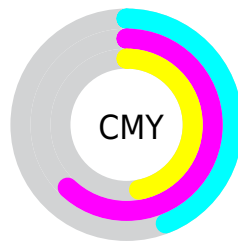
- Red (56%)
- Green (38%)
- Blue (53%)



- Red (56%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 28.260, 330.909 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, 28.260, 330.909 by changing the saturation by 10% instead.

 47, 28.260,
330.909

 47, 28.260,
330.909

 100, 28.260,
330.909

 37, 28.260,
330.909

 67, 28.260,
330.909


 27, 28.260,
330.909

 77, 28.260,
330.909

 17, 28.260,
330.909

 87, 28.260,
330.909

 7, 28.260, 330.909

 97, 28.260,
330.909

 0, 28.260, 330.909

 47, 28.260,

 47, 28.260,

330.909

44, 36.877,
331.532

41, 44.954,
332.159

38, 52.153,
332.791

36, 58.105,
333.431

34, 62.476,
334.090

33, 65.062,
334.788

32, 66.317,
335.390

330.909

51, 19.367,
330.293

54, 10.405,
329.684

58, 1.510, 328.970


62, 7.228, 148.592

66, 15.758,
148.035

70, 24.050,
147.514

75, 32.095,
147.022

79, 39.894,
146.556

 83, 47.453,
146.117

Harmonies

Complementary

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



47, 28.260, 330.909



55, 28.190, 146.727

Rectangle

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



47, 28.260, 330.909



47, 28.260, 20.909



47, 28.260, 150.909



47, 28.260, 200.909

Sweetspot

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



47, 28.258, 330.909



70, 10.959, 329.592



43, 27.239, 298.901



36, 7.456, 329.667



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



47, 28.258, 330.909



57, 41.593, 331.350



46, 20.769, 355.919



28, 5.037, 329.529



30, 64.045, 335.352



1, 3.382, 329.021

Inverse Universe

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



47, 28.258, 330.909



57, 41.593, 331.350



55, 19.267, 169.543



28, 5.037, 329.529



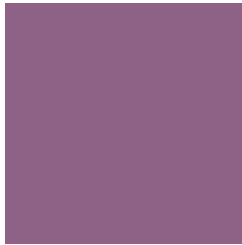
30, 64.045, 335.352



1, 3.382, 329.021

Previews

White Background



This preview shows how the CIELCh color 47, 28.260, 330.909 looks on a white background.

Color Contrast Check

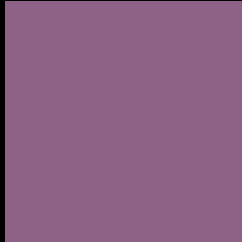
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.260, 330.909 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, 28.260, 330.909

Background



This preview shows how black text looks on a background with the CIELCh color 47, 28.260, 330.909.



This preview shows how white text looks on a background with the CIELCh color 47, 28.260, 330.909.

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, 28.260, 330.909

Protanopia

47, 20.211, 285.861

Deuteranopia

47, 14.296, 296.606



Tritanopia
47, 16.214, 4.787

Trichromacy



Original Color
47, 28.260, 330.909

Protanomaly
47, 21.912, 304.578

Deuteranomaly
47, 18.595, 314.061

Tritanomaly
47, 19.711, 347.629

Monochromacy



Original Color
47, 28.260, 330.909

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 10.747, 330.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 28.260, 330.909 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(142, 97, 135)` looks like.

```
.text, #text, p{  
    color:rgb(142, 97, 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(142, 97, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 97, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 28.260, 330.909 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(142, 97, 135) }
```

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

```
.border{ border-color:rgb(142, 97, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 97, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 97, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 97, 135); box-shadow:4px 4px 4px 4px rgb(142, 97, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 28.260, 330.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 97, 135) }
```

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

```
.background{ background-color: rgb(142, 97,  
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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