

Converting Colors

CIELCh(47, 33.544, 325.591)

Have a look what the booklet for
CIELCh(47, 33.544, 325.591)
contains.

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Color

CIELCh(47, 33.889, 325.635)

Conversions

Conversions Part 1

Format	Color
Hex	8F5F90
RGB	143, 95, 144
RGB Percent	56%, 37%, 56%
CMY	0.4395, 0.6277, 0.4355
CMYK	0.01, 0.34, 0.00, 0.44
HSL	299°, 21%, 47%
HSV	299°, 34%, 56%
XYZ	20.4329, 16.0195, 28.3760
YIQ	114.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

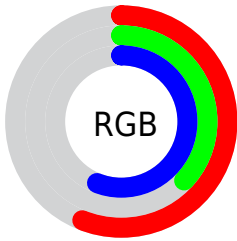
Format	Color
RYB	143, 95, 144
Decimal	9396112
CIELab	47.00, 27.97, -19.13
CIElCh	47, 33.889, 325.635
Yxy	16.0195, 0.3152, 0.2471
Android (android.graphics.Color)	4287586192 (0xFF8F5F90)
YUV	114.9380, 14.3276, 24.6104
Hunter-Lab	40.0243, 21.0840, -14.0177

Details

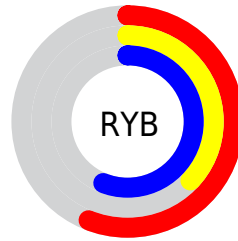
The CIELCh color $47, 33.889, 325.635$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 33.866, 141.600$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 34.192, 325.859$, and $27, 33.878, 326.204$ is the 20% darker color. If you saturate the color by 10%, you get $44, 43.409, 326.105$, and if you desaturate by 10%, it is $51, 24.000, 325.133$.

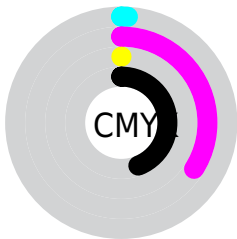
Distribution



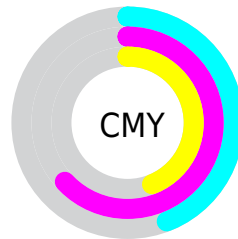
- Red (56%)
- Green (37%)
- Blue (56%)



- Red (56%)
- Yellow (37%)
- Blue (56%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)





- Cyan (44%)
- Magenta (63%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 33.889, 325.635 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, 33.889, 325.635 by changing the saturation by 10% instead.


 47, 33.889,
325.635


 47, 33.889,
325.635


 100, 33.889,
325.635


 37, 33.889,
325.635

 67, 33.889,
325.635


 27, 33.889,
325.635

 77, 33.889,
325.635

 17, 33.889,
325.635

 87, 33.889,
325.635

 7, 33.889, 325.635

 97, 33.889,
325.635

 0, 33.889, 325.635

 47, 33.889,

 47, 33.889,

325.635

44, 43.409,
326.105

41, 52.265,
326.527

38, 60.097,
326.883

36, 66.538,
327.157

35, 71.287,
327.336

34, 74.218,
327.416

33, 75.548,
327.442

325.635

51, 24.000,
325.133

54, 13.983,
324.612

58, 4.001, 324.058

62, 5.832, 143.630

66, 15.446,
143.111

70, 24.801,
142.628

74, 33.877,
142.171

79, 42.669,
141.740

■ 83, 51.182,
141.335

Harmonies

Complementary

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



47, 33.889, 325.635



55, 33.866, 141.600

Rectangle

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



47, 33.889, 325.635



47, 33.889, 15.635



47, 33.889, 145.635



47, 33.889, 195.635

Sweetspot

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



47, 33.887, 325.635



71, 12.261, 324.407



43, 28.558, 293.090



37, 8.437, 324.475



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



47, 33.887, 325.635



57, 49.992, 326.006



46, 24.915, 344.910



28, 5.573, 324.352



31, 72.166, 327.447



1, 3.743, 323.895

Inverse Universe

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



46, 21.536, 20.760



55, 32.806, 21.909



56, 24.088, 158.832



28, 3.245, 18.231



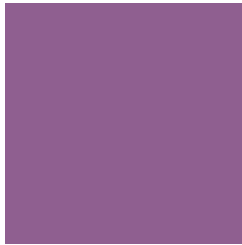
27, 63.478, 37.991



0, 2.123, 17.703

Previews

White Background



This preview shows how the CIELCh color 47, 33.889, 325.635 looks on a white background.

Color Contrast Check

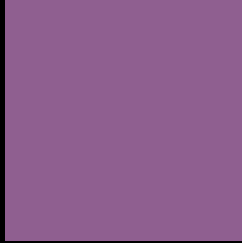
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 33.889, 325.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

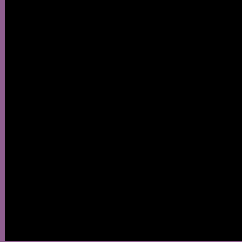
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 33.889, 325.635

Background



This preview shows how black text looks on a background with the CIELCh color 47, 33.889, 325.635.



This preview shows how white text looks on a background with the CIELCh color 47, 33.889, 325.635.

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, 33.889, 325.635

Protanopia

47, 26.775, 285.150

Deuteranopia

47, 18.357, 289.252



Tritanopia
47, 15.804, 4.268

Trichromacy



Original Color
47, 33.889, 325.635

Protanomaly
47, 27.551, 300.310

Deuteranomaly
47, 22.721, 307.081

Tritanomaly
47, 21.311, 342.934

Monochromacy



Original Color
47, 33.889, 325.635

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 12.626, 323.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 33.889, 325.635 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(143, 95, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 95, 144)  
}
```

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(143, 95, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 95, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 33.889, 325.635 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(143, 95, 144) }
```

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

```
.border{ border-color:rgb(143, 95, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 95, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 95, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 95, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 95,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 33.889, 325.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 95, 144) }
```

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

```
.background{ background-color: rgb(143, 95,  
144) }
```

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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