

Converting Colors

CIELCh(47, 33.985, 326.505)

Have a look what the booklet for
CIELCh(47, 33.985, 326.505)
contains.

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Color

CIELCh(47, 33.604, 326.794)

Conversions

Conversions Part 1

Format	Color
Hex	905F8F
RGB	144, 95, 143
RGB Percent	56%, 37%, 56%
CMY	0.4363, 0.6284, 0.4403
CMYK	0.00, 0.34, 0.01, 0.44
HSL	301°, 21%, 47%
HSV	301°, 34%, 56%
XYZ	20.4622, 16.0195, 27.8950
YIQ	115.1230, 13.7960, 25.3160

Conversions

Conversions Part 2

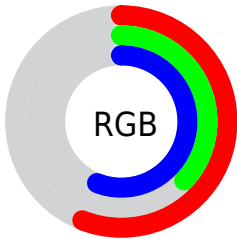
Format	Color
RYB	144, 95, 143
Decimal	9461647
CIELab	47.00, 28.12, -18.40
CIELCh	47, 33.604, 326.794
Yxy	16.0195, 0.3179, 0.2488
Android (android.graphics.Color)	4287651727 (0xFF905F8F)
YUV	115.1230, 13.7434, 25.3251
Hunter-Lab	40.0243, 21.2144, -13.3053

Details

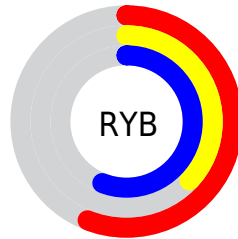
The CIELCh color $47, 33.604, 326.794$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 33.621, 142.598$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 33.942, 326.934$, and $27, 33.878, 326.204$ is the 20% darker color. If you saturate the color by 10%, you get $44, 43.002, 327.293$, and if you desaturate by 10%, it is $51, 23.823, 326.269$.

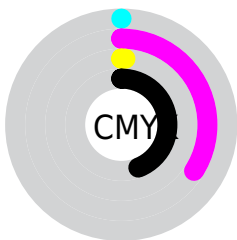
Distribution



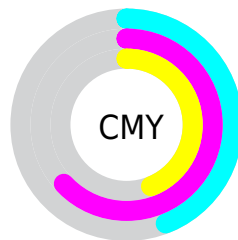
- Red (56%)
- Green (37%)
- Blue (56%)



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



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




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 33.604, 326.794 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, 33.604, 326.794 by changing the saturation by 10% instead.

 47, 33.604,
326.794


 47, 33.604,
326.794

 100, 33.604,
326.794


 37, 33.604,
326.794

 67, 33.604,
326.794


 27, 33.604,
326.794

 77, 33.604,
326.794

 17, 33.604,
326.794

 87, 33.604,
326.794

 7, 33.604, 326.794

 97, 33.604,
326.794

 0, 33.604, 326.794

 47, 33.604,

 47, 33.604,

326.794

44, 43.002,
327.293

41, 51.717,
327.751

38, 59.391,
328.154

36, 65.662,
328.491

35, 70.237,
328.755

34, 73.004,
328.944

34, 74.236,
329.040

326.794

51, 23.823,
326.269

54, 13.900,
325.727

58, 4.005, 325.154


62, 5.747, 144.711

66, 15.282,
144.174

70, 24.561,
143.673

74, 33.562,
143.198

78, 42.282,
142.749

 83, 50.722,
142.327

Harmonies

Complementary

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



47, 33.604, 326.794



55, 33.621, 142.598

Rectangle

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



47, 33.604, 326.794



47, 33.604, 16.794



47, 33.604, 146.794



47, 33.604, 196.794

Sweetspot

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



47, 33.602, 326.794



71, 12.170, 325.513



42, 29.617, 294.891



37, 8.374, 325.583



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, 33.602, 326.794



57, 49.548, 327.185



46, 24.186, 347.765



28, 5.532, 325.455



31, 70.993, 329.035



1, 3.716, 324.984

Inverse Universe

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



47, 33.602, 326.794



57, 49.548, 327.185



56, 23.144, 161.396



28, 5.532, 325.455



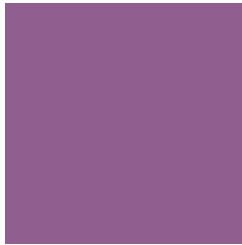
31, 70.993, 329.035



1, 3.716, 324.984

Previews

White Background



This preview shows how the CIELCh color 47, 33.604, 326.794 looks on a white background.

Color Contrast Check

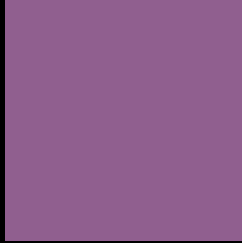
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.604, 326.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

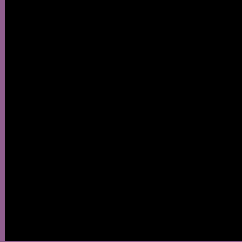
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 33.604, 326.794

Background



This preview shows how black text looks on a background with the CIELCh color 47, 33.604, 326.794.



This preview shows how white text looks on a background with the CIELCh color 47, 33.604, 326.794.

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, 33.604, 326.794

Protanopia

47, 26.160, 285.546

Deuteranopia

47, 17.758, 290.207



Tritanopia
47, 16.652, 5.306

Trichromacy



Original Color
47, 33.604, 326.794

Protanomaly
47, 27.679, 301.788

Deuteranomaly
47, 22.938, 308.922

Tritanomaly
47, 21.300, 344.984

Monochromacy



Original Color
47, 33.604, 326.794

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 12.140, 325.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 33.604, 326.794 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(144, 95, 143)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 47, 33.604, 326.794 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(144, 95, 143) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 47, 33.604, 326.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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