

Converting Colors

CIELCh(47, 34.905, 335.814)

Have a look what the booklet for
CIELCh(47, 34.905, 335.814)
contains.

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Color

CIELCh(47, 34.965, 335.585)

Conversions

Conversions Part 1

Format	Color
Hex	985B88
RGB	152, 91, 136
RGB Percent	60%, 36%, 53%
CMY	0.4027, 0.6420, 0.4655
CMYK	0.00, 0.40, 0.11, 0.40
HSL	316°, 25%, 48%
HSV	316°, 40%, 60%
XYZ	21.2340, 16.0195, 25.3724
YIQ	114.3690, 21.9110, 26.9270

Conversions

Conversions Part 2

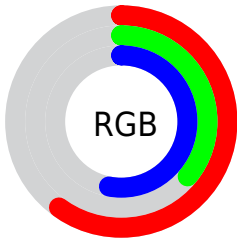
Format	Color
R_{YB}	152, 91, 136
Decimal	9984904
CIE _{Lab}	47.00, 31.84, -14.45
CIE _{LCh}	47, 34.965, 335.585
Yxy	16.0195, 0.3391, 0.2558
Android (android.graphics.Color)	4288174984 (0xFF985B88)
YUV	114.3690, 10.6641, 33.0024
Hunter-Lab	40.0243, 24.6567, -9.5683

Details

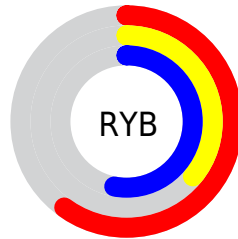
The CIELCh color $47, 34.965, 335.585$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 34.700, 149.489$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 35.017, 335.583$, and $27, 34.740, 336.026$ is the 20% darker color. If you saturate the color by 10%, you get $44, 43.056, 336.387$, and if you desaturate by 10%, it is $51, 26.387, 334.832$.

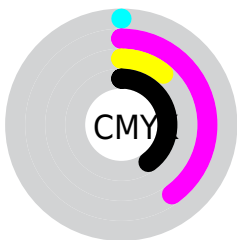
Distribution



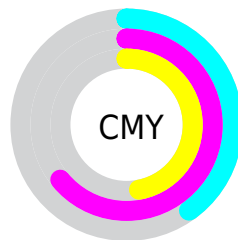
- Red (60%)
- Green (36%)
- Blue (53%)



- Red (60%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 34.965, 335.585 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, 34.965, 335.585 by changing the saturation by 10% instead.

 47, 34.965,
335.585

 47, 34.965,
335.585


 100, 34.965,
335.585


 37, 34.965,
335.585

 67, 34.965,
335.585

 27, 34.965,
335.585

 77, 34.965,
335.585

 17, 34.965,
335.585

 87, 34.965,
335.585

 7, 34.965, 335.585

 97, 34.965,
335.585

 0, 34.965, 335.585

 47, 34.965,

 47, 34.965,

335.585

44, 43.056,
336.387

41, 50.325,
337.252

38, 56.376,
338.203

36, 60.831,
339.278

35, 63.433,
340.528

34, 64.587,
341.937

335.585

51, 26.387,
334.832

55, 17.596,
334.116

59, 8.779, 333.426

63, 0.064, 328.605

67, 8.473, 152.240

72, 16.787,
151.649

76, 24.858,
151.099

80, 32.681,
150.582

85, 40.262,

Harmonies

Complementary

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



47, 34.965, 335.585



58, 34.700, 149.489

Rectangle

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



47, 34.965, 335.585



47, 34.965, 25.585



47, 34.965, 155.585



47, 34.965, 205.585

Sweetspot

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



47, 34.963, 335.585



74, 13.029, 333.575



43, 37.243, 303.028



38, 8.626, 333.655



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



47, 34.963, 335.585



57, 51.421, 336.296



46, 27.122, 4.312



30, 4.945, 333.368



31, 60.894, 341.811



1, 5.261, 333.284

Inverse Universe

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



47, 34.963, 335.585



57, 51.421, 336.296



59, 23.555, 175.592



30, 4.945, 333.368



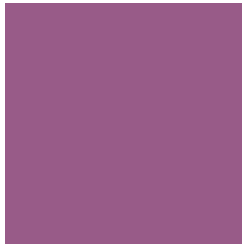
31, 60.894, 341.811



1, 5.261, 333.284

Previews

White Background



This preview shows how the CIELCh color 47, 34.965, 335.585 looks on a white background.

Color Contrast Check

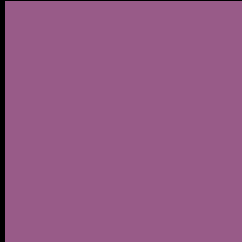
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.965, 335.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

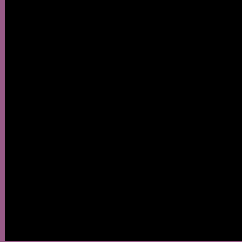
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 34.965, 335.585

Background



This preview shows how black text looks on a background with the CIELCh color 47, 34.965, 335.585.



This preview shows how white text looks on a background with the CIELCh color 47, 34.965, 335.585.

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, 34.965, 335.585

Protanopia

47, 23.771, 285.887

Deuteranopia

47, 14.296, 296.606



Tritanopia
47, 22.160, 11.869

Trichromacy



Original Color
47, 34.965, 335.585

Protanomaly
47, 25.800, 307.240

Deuteranomaly
47, 20.620, 319.004

Tritanomaly
47, 24.986, 355.151

Monochromacy



Original Color
47, 34.965, 335.585

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 13.650, 333.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 34.965, 335.585 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(152, 91, 136)` looks like.

```
.text, #text, p{  
    color:rgb(152, 91, 136)  
}
```

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(152, 91, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 91, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 34.965, 335.585 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(152, 91, 136) }
```

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

```
.border{ border-color:rgb(152, 91, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 91, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 91, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 91, 136);  
box-shadow:4px 4px 4px 4px rgb(152, 91,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 34.965, 335.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 91, 136) }
```

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

```
.background{ background-color: rgb(152, 91,  
136) }
```

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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