

Converting Colors

CIELCh(47, 33.378, 353.069)

Have a look what the booklet for
CIELCh(47, 33.378, 353.069)
contains.

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Color

CIELCh(47, 33.267, 352.949)

Conversions

Conversions Part 1

Format	Color
Hex	A05977
RGB	160, 89, 119
RGB Percent	63%, 35%, 47%
CMY	0.3716, 0.6501, 0.5324
CMYK	0.00, 0.44, 0.26, 0.37
HSL	335°, 28%, 49%
HSV	335°, 44%, 63%
XYZ	21.4821, 16.0195, 19.4846
YIQ	113.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

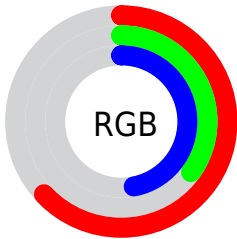
Format	Color
R_{YB}	160, 89, 119
Decimal	10508663
CIE _{Lab}	47.00, 33.02, -4.08
CIE _{LCh}	47, 33.267, 352.949
Yxy	16.0195, 0.3770, 0.2811
Android (android.graphics.Color)	4288698743 (0xFFA05977)
YUV	113.6490, 2.6380, 40.6498
Hunter-Lab	40.0243, 25.7633, -0.8465

Details

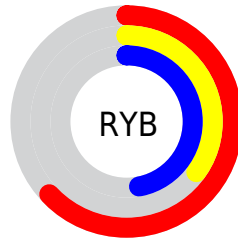
The CIELCh color $47, 33.267, 352.949$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 30.833, 163.523$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 32.875, 353.145$, and $27, 33.291, 352.430$ is the 20% darker color. If you saturate the color by 10%, you get $43, 40.392, 354.614$, and if you desaturate by 10%, it is $51, 25.755, 351.557$.

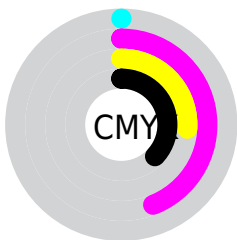
Distribution



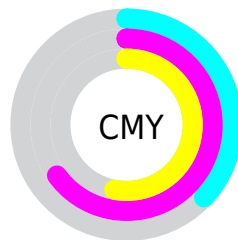
- Red (63%)
- Green (35%)
- Blue (47%)



- Red (63%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (37%)




- Cyan (37%)
- Magenta (65%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 33.267, 352.949 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, 33.267, 352.949 by changing the saturation by 10% instead.

 47, 33.267,
352.949


 47, 33.267,
352.949


 100, 33.267,
352.949


 37, 33.267,
352.949

 67, 33.267,
352.949


 27, 33.267,
352.949

 77, 33.267,
352.949

 17, 33.267,
352.949

 87, 33.267,
352.949

 7, 33.267, 352.949

 97, 33.267,
352.949

 0, 33.267, 352.949

 47, 33.267,

 47, 33.267,

352.949

352.949

■ 43, 40.392,
354.614

■ 51, 25.755,
351.557

■ 40, 46.803,
356.647

■ 55, 18.122,
350.362

■ 38, 52.127,
359.186

■ 60, 10.545,
349.310

■ 36, 56.065, 2.392

■ 64, 3.136, 348.308

■ 34, 58.537, 6.422


■ 69, 4.045, 167.692

■ 34, 59.706, 8.894

■ 73, 10.967,
166.888

■ 78, 17.625,
166.193

■ 82, 24.025,
165.562

 87, 30.179,
164.982

Harmonies

Complementary

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



47, 33.267, 352.949



61, 30.833, 163.523

Rectangle

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



47, 33.267, 352.949



47, 33.267, 42.949



47, 33.267, 172.949



47, 33.267, 222.949

Sweetspot

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



47, 33.265, 352.950



77, 11.874, 349.204



45, 44.418, 313.369



39, 8.315, 349.413



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



47, 33.265, 352.950



56, 48.969, 354.559



47, 30.119, 28.511



31, 4.090, 348.810



30, 54.852, 8.353



1, 5.207, 349.373

Inverse Universe

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



47, 33.265, 352.950



56, 48.969, 354.559



60, 21.783, 204.648



31, 4.090, 348.810



30, 54.852, 8.353



1, 5.207, 349.373

Previews

White Background



This preview shows how the CIELCh color 47, 33.267, 352.949 looks on a white background.

Color Contrast Check

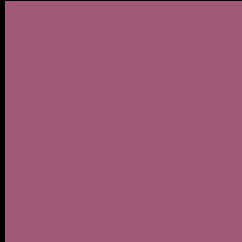
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.267, 352.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

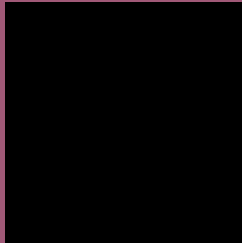
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 33.267, 352.949

Background



This preview shows how black text looks on a background with the CIELCh color 47, 33.267, 352.949.



This preview shows how white text looks on a background with the CIELCh color 47, 33.267, 352.949.

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, 33.267, 352.949

Protanopia

47, 13.069, 285.393

Deuteranopia

47, 6.419, 340.108



Tritanopia
47, 28.410, 15.277

Trichromacy



Original Color
47, 33.267, 352.949

Protanomaly
47, 17.402, 323.196

Deuteranomaly
47, 16.126, 348.385

Tritanomaly
47, 29.474, 6.642

Monochromacy



Original Color
47, 33.267, 352.949

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 12.483, 349.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 33.267, 352.949 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(160, 89, 119)` looks like.

```
.text, #text, p{  
    color:rgb(160, 89, 119)  
}
```

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(160, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 89, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 33.267, 352.949 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(160, 89, 119) }
```

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

```
.border{ border-color:rgb(160, 89, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 89, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(160, 89,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 33.267, 352.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 89, 119) }
```

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

```
.background{ background-color: rgb(160, 89,  
119) }
```

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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