

Converting Colors

CIELCh(47, 37.571, 356.326)

Have a look what the booklet for
CIELCh(47, 37.571, 356.326)
contains.

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Color

CIELCh(47, 37.496, 355.910)

Conversions

Conversions Part 1

Format	Color
Hex	A75575
RGB	167, 85, 117
RGB Percent	65%, 33%, 46%
CMY	0.3448, 0.6664, 0.5409
CMYK	0.00, 0.49, 0.30, 0.34
HSL	337°, 33%, 49%
HSV	337°, 49%, 66%
XYZ	22.4234, 16.0195, 18.7628
YIQ	113.1660, 38.6000, 27.3360

Conversions

Conversions Part 2

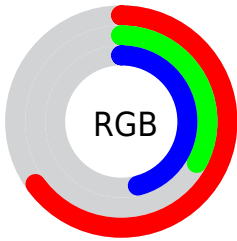
Format	Color
R_{YB}	167, 85, 117
Decimal	10966389
CIE _{Lab}	47.00, 37.40, -2.67
CIE _{LCh}	47, 37.496, 355.910
Yxy	16.0195, 0.3920, 0.2800
Android (android.graphics.Color)	4289156469 (0xFFA75575)
YUV	113.1660, 1.8902, 47.2124
Hunter-Lab	40.0243, 29.9613, 0.2228

Details

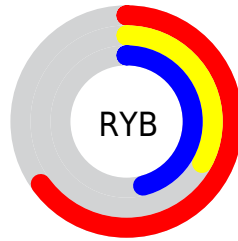
The CIELCh color $47, 37.496, 355.910$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $63, 34.029, 164.805$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 37.391, 355.898$, and $27, 37.304, 355.752$ is the 20% darker color. If you saturate the color by 10%, you get $43, 44.552, 357.854$, and if you desaturate by 10%, it is $51, 29.922, 354.315$.

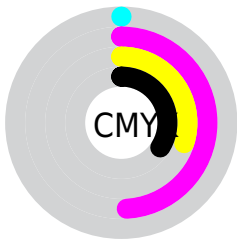
Distribution



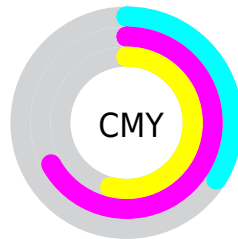
- Red (65%)
- Green (33%)
- Blue (46%)



- Red (65%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (49%)
- Yellow (30%)
- Black (34%)





- Cyan (34%)
- Magenta (67%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 37.496, 355.910 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, 37.496, 355.910 by changing the saturation by 10% instead.


 47, 37.496,
355.910


 47, 37.496,
355.910


 100, 37.496,
355.910


 37, 37.496,
355.910

 67, 37.496,
355.910


 27, 37.496,
355.910

 77, 37.496,
355.910

 17, 37.496,
355.910

 87, 37.496,
355.910

 7, 37.496, 355.910

 97, 37.496,
355.910

 0, 37.496, 355.910

 47, 37.496,

 47, 37.496,

355.910

355.910

43, 44.552,
357.854

51, 29.922,
354.315

40, 50.734, 0.268

55, 22.139,
352.972

38, 55.687, 3.314

60, 14.363,
351.814

36, 59.207, 7.162

35, 61.622, 11.763

64, 6.734, 350.780

35, 61.856, 12.185

69, 0.666, 170.534

74, 7.797, 169.200

79, 14.648,
168.454

83, 21.221,
167.786

88, 27.530,

Harmonies

Complementary

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



47, 37.496, 355.910



63, 34.029, 164.805

Rectangle

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



47, 37.496, 355.910



47, 37.496, 45.910



47, 37.496, 175.910



47, 37.496, 225.910

Sweetspot

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



47, 37.494, 355.912



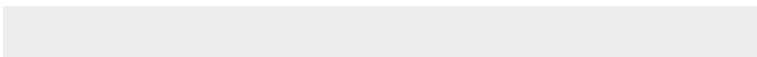
78, 13.882, 351.410



45, 51.130, 314.630



40, 9.575, 351.623



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



47, 37.494, 355.912



56, 54.880, 358.069



48, 34.229, 31.616



33, 4.224, 350.801



31, 56.494, 11.601



2, 7.353, 353.523

Inverse Universe

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



47, 37.494, 355.912



56, 54.880, 358.069



61, 23.623, 208.836



33, 4.224, 350.801



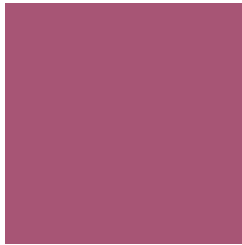
31, 56.494, 11.601



2, 7.353, 353.523

Previews

White Background



This preview shows how the CIELCh color 47, 37.496, 355.910 looks on a white background.

Color Contrast Check

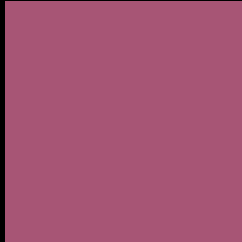
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.496, 355.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

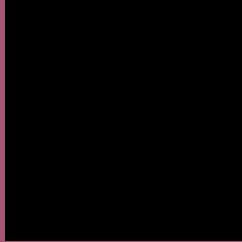
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 37.496, 355.910

Background



This preview shows how black text looks on a background with the CIELCh color 47, 37.496, 355.910.



This preview shows how white text looks on a background with the CIELCh color 47, 37.496, 355.910.

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, 37.496, 355.910

Protanopia

47, 13.069, 285.393

Deuteranopia

47, 6.479, 353.108



Tritanopia
47, 33.381, 17.397

Trichromacy



Original Color
47, 37.496, 355.910

Protanomaly
47, 18.271, 327.638

Deuteranomaly
47, 17.705, 354.149

Tritanomaly
47, 34.155, 9.005

Monochromacy



Original Color
47, 37.496, 355.910

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 13.974, 353.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 37.496, 355.910 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(167, 85, 117)` looks like.

```
.text, #text, p{  
    color:rgb(167, 85, 117)  
}
```

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(167, 85, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 85, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 37.496, 355.910 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(167, 85, 117) }
```

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

```
.border{ border-color:rgb(167, 85, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 85, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 85, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 85, 117);  
box-shadow:4px 4px 4px 4px rgb(167, 85,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 37.496, 355.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 85, 117) }
```

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

```
.background{ background-color: rgb(167, 85,  
117) }
```

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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