

Converting Colors

CIELCh(47, 48.204, 332.298)

Have a look what the booklet for
CIELCh(47, 48.204, 332.298)
contains.

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Color

CIELCh(47, 48.371, 332.254)

Conversions

Conversions Part 1

Format	Color
Hex	A35296
RGB	163, 82, 150
RGB Percent	64%, 32%, 59%
CMY	0.3608, 0.6785, 0.4118
CMYK	0.00, 0.50, 0.08, 0.36
HSL	310°, 33%, 48%
HSV	310°, 50%, 64%
XYZ	23.6219, 16.0195, 30.6955
YIQ	113.9710, 26.4480, 38.3200

Conversions

Conversions Part 2

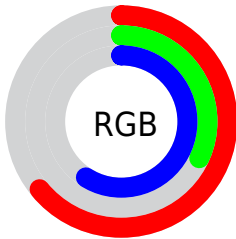
Format	Color
R _Y B	163, 82, 150
Decimal	10703510
CIE Lab	47.00, 42.81, -22.52
CIE LCh	47, 48.371, 332.254
Yxy	16.0195, 0.3358, 0.2278
Android (android.graphics.Color)	4288893590 (0xFFA35296)
YUV	113.9710, 17.7623, 42.9984
Hunter-Lab	40.0243, 35.3061, -17.4538

Details

The CIELCh color $47, 48.371, 332.254$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 48.543, 144.946$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 48.468, 332.562$, and $27, 48.508, 332.189$ is the 20% darker color. If you saturate the color by 10%, you get $44, 56.562, 332.902$, and if you desaturate by 10%, it is $51, 39.241, 331.613$.

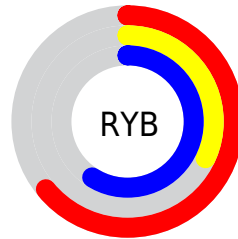
Distribution



Red (64%)

Green (32%)

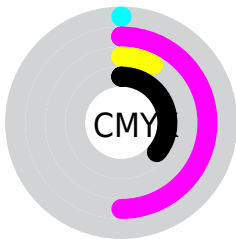
Blue (59%)



Red (64%)

Yellow (32%)

Blue (59%)

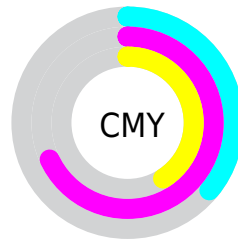


Cyan (0%)

Magenta (50%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (68%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 48.371, 332.254 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, 48.371, 332.254 by changing the saturation by 10% instead.

 47, 48.371,
332.254

 47, 48.371,
332.254


 100, 48.371,
332.254

 37, 48.371,
332.254

 67, 48.371,
332.254

 27, 48.371,
332.254

 77, 48.371,
332.254

 17, 48.371,
332.254

 87, 48.371,
332.254

 7, 48.371, 332.254

 97, 48.371,
332.254

 0, 48.371, 332.254

 47, 48.371,

 47, 48.371,

332.254

44, 56.562,
332.902

41, 63.401,
333.560

39, 68.489,
334.241

38, 71.571,
334.964

37, 72.985,
335.739

37, 73.025,
335.763

332.254

51, 39.241,
331.613

54, 29.554,
330.979

58, 19.603,
330.353

63, 9.605, 329.733

67, 0.293, 150.045

72, 9.999, 148.630

76, 19.461,
148.075

81, 28.650,
147.554

85, 37.560,

Harmonies

Complementary

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



47, 48.371, 332.254



61, 48.543, 144.946

Rectangle

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



47, 48.371, 332.254



47, 48.371, 22.254



47, 48.371, 152.254



47, 48.371, 202.254

Sweetspot

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



47, 48.369, 332.254



77, 18.440, 330.079



40, 49.473, 301.198



40, 12.692, 330.204



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



47, 48.369, 332.254



56, 69.983, 332.995



46, 36.666, 358.816



32, 5.609, 329.706



33, 67.221, 335.678



1, 8.424, 330.606

Inverse Universe

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



47, 48.369, 332.254



56, 69.983, 332.995



61, 32.585, 167.290



32, 5.609, 329.706



33, 67.221, 335.678



1, 8.424, 330.606

Previews

White Background



This preview shows how the CIELCh color 47, 48.371, 332.254 looks on a white background.

Color Contrast Check

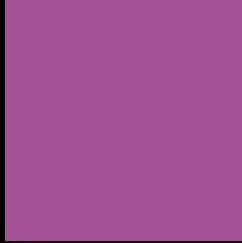
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.371, 332.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

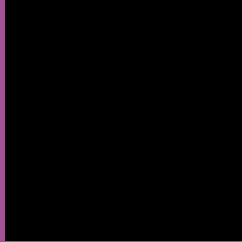
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 48.371, 332.254

Background



This preview shows how black text looks on a background with the CIELCh color 47, 48.371, 332.254.



This preview shows how white text looks on a background with the CIELCh color 47, 48.371, 332.254.

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, 48.371, 332.254

Protanopia

47, 36.826, 285.555

Deuteranopia

47, 20.741, 288.057



Tritanopia
47, 27.977, 15.080

Trichromacy



Original Color
47, 48.371, 332.254

Protanomaly
46, 38.520, 303.447

Deuteranomaly
47, 29.553, 312.336

Tritanomaly
47, 32.717, 353.433

Monochromacy



Original Color
47, 48.371, 332.254

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 18.968, 330.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 48.371, 332.254 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(163, 82, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 82, 150)  
}
```

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(163, 82, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 82, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 48.371, 332.254 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(163, 82, 150) }
```

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

```
.border{ border-color:rgb(163, 82, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 82, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 82, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 82, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 82,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 48.371, 332.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 82, 150) }
```

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

```
.background{ background-color: rgb(163, 82,  
150) }
```

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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