

Converting Colors

CIELCh(47, 33.071, 22.321)

Have a look what the booklet for
CIELCh(47, 33.071, 22.321) contains.

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Color

CIELCh(47, 32.874, 22.067)

Conversions

Conversions Part 1

Format	Color
Hex	A45A5C
RGB	164, 90, 92
RGB Percent	64%, 35%, 36%
CMY	0.3563, 0.6465, 0.6387
CMYK	0.00, 0.45, 0.44, 0.36
HSL	358°, 29%, 50%
HSV	358°, 45%, 64%
XYZ	20.9471, 16.0195, 12.1436
YIQ	112.3540, 43.4620, 16.3100

Conversions

Conversions Part 2

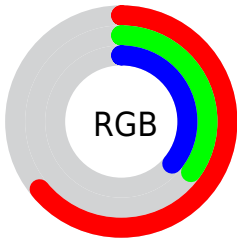
Format	Color
RYB	164, 90, 92
Decimal	10771036
CIELab	47.00, 30.47, 12.35
CIELCh	47, 32.874, 22.067
Yxy	16.0195, 0.4265, 0.3262
Android (android.graphics.Color)	4288961116 (0xFFA45A5C)
YUV	112.3540, -10.0345, 45.2935
Hunter-Lab	40.0243, 23.3773, 10.0281

Details

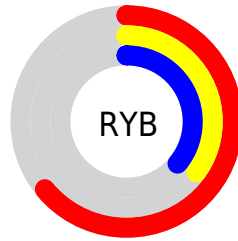
The CIELCh color **47, 32.874, 22.067** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 24.309, 194.674**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 32.886, 21.814**, and **27, 32.748, 22.773** is the 20% darker color. If you saturate the color by 10%, you get **43, 41.191, 24.136**, and if you desaturate by 10%, it is **51, 24.806, 20.466**.

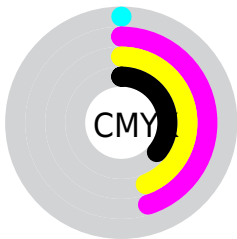
Distribution



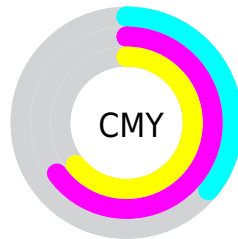
- Red (64%)
- Green (35%)
- Blue (36%)



- Red (64%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (36%)



- Cyan (36%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 32.874, 22.067 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, 32.874, 22.067 by changing the saturation by 10% instead.

■ 47, 32.874, 22.067

■ 47, 32.874, 22.067

■ 100, 32.874,
22.067

■ 37, 32.874, 22.067

■ 67, 32.874, 22.067

■ 27, 32.874, 22.067

■ 77, 32.874, 22.067

■ 17, 32.874, 22.067

■ 87, 32.874, 22.067

■ 7, 32.874, 22.067

■ 97, 32.874, 22.067

■ 0, 32.874, 22.067

■ 47, 32.874, 22.067

■ 47, 32.874, 22.067

■ 43, 41.191, 24.136

■ 51, 24.806, 20.466

■ 40, 49.547, 26.770

■ 56, 17.137, 19.215

■ 37, 57.657, 30.021

■ 60, 9.938, 18.223

■ 35, 65.152, 33.745

■ 65, 3.230, 17.355

■ 34, 71.340, 37.341

■ 70, 3.002, 197.043

■ 34, 73.898, 38.702

■ 75, 8.789, 196.438

■ 80, 14.174,
196.006

■ 84, 19.200,
195.654

■ 89, 23.908,
195.361

Harmonies

Complementary

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



47, 32.874, 22.067



63, 24.309, 194.674

Rectangle

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



47, 32.874, 22.067



47, 32.874, 72.067



47, 32.874, 202.067



47, 32.874, 252.067

Sweetspot

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



47, 32.872, 22.070



77, 11.417, 18.150



49, 49.235, 325.790



40, 7.928, 18.334



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, 32.872, 22.070



56, 50.134, 24.118



55, 26.970, 66.487



32, 3.629, 17.722



30, 67.122, 38.190



1, 5.470, 17.376

Inverse Universe

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



47, 32.872, 22.070



56, 50.134, 24.118



53, 23.079, 259.523



32, 3.629, 17.722



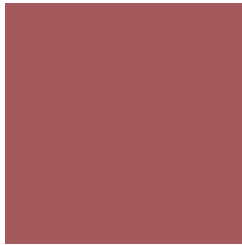
30, 67.122, 38.190



1, 5.470, 17.376

Previews

White Background



This preview shows how the CIELCh color 47, 32.874, 22.067 looks on a white background.

Color Contrast Check

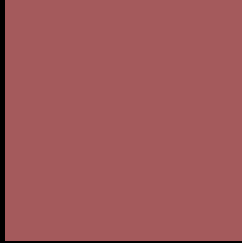
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.874, 22.067 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, 32.874, 22.067

Background



This preview shows how black text looks on a background with the CIELCh color 47, 32.874, 22.067.

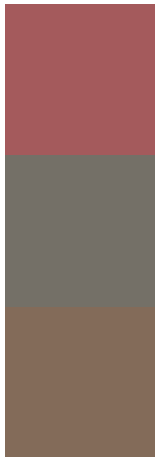


This preview shows how white text looks on a background with the CIELCh color 47, 32.874, 22.067.

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, 32.874, 22.067

Protanopia

47, 5.550, 91.788

Deuteranopia

47, 15.218, 63.940



Tritanopia
47, 32.520, 18.042

Trichromacy



Original Color
47, 32.874, 22.067

Protanomaly
47, 13.426, 33.492

Deuteranomaly
47, 20.144, 40.060

Tritanomaly
47, 32.591, 19.056

Monochromacy



Original Color
47, 32.874, 22.067

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 11.499, 17.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 32.874, 22.067 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(164, 90, 92)` looks like.

```
.text, #text, p{  
    color:rgb(164, 90, 92)  
}
```

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(164, 90, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 90, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 32.874, 22.067 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(164, 90, 92) }
```

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

```
.border{ border-color:rgb(164, 90, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 90, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 90, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 90, 92);  
box-shadow:4px 4px 4px 4px rgb(164, 90,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 32.874, 22.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 90, 92) }
```

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

```
.background{ background-color: rgb(164, 90,  
92) }
```

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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