

Converting Colors

CIELCh(47, 27.362, 6.278)

Have a look what the booklet for
CIELCh(47, 27.362, 6.278) contains.

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Color

CIELCh(47, 27.220, 7.280)

Conversions

Conversions Part 1

Format	Color
Hex	9C5E6B
RGB	156, 94, 107
RGB Percent	61%, 37%, 42%
CMY	0.3899, 0.6328, 0.5819
CMYK	0.00, 0.40, 0.31, 0.39
HSL	347°, 25%, 49%
HSV	347°, 40%, 61%
XYZ	20.2344, 16.0195, 15.8330
YIQ	114.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

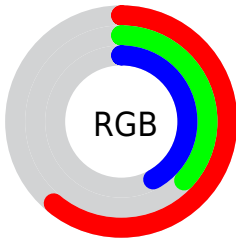
Format	Color
R _Y B	156, 94, 107
Decimal	10247787
CIE Lab	47.00, 27.00, 3.45
CIE LCh	47, 27.220, 7.280
Yxy	16.0195, 0.3885, 0.3076
Android (android.graphics.Color)	4288437867 (0xFF9C5E6B)
YUV	114.0200, -3.4609, 36.8165
Hunter-Lab	40.0243, 20.1985, 4.5628

Details

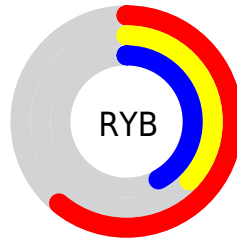
The CIELCh color $47, 27.220, 7.280$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 23.174, 178.735$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 27.353, 7.280$, and $27, 27.391, 7.178$ is the 20% darker color. If you saturate the color by 10%, you get $43, 34.439, 9.184$, and if you desaturate by 10%, it is $51, 20.028, 5.737$.

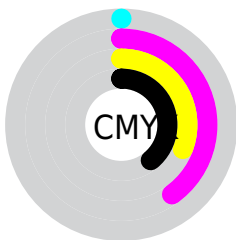
Distribution



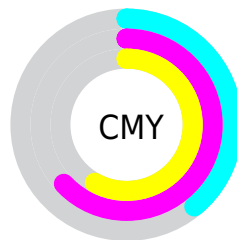
- Red (61%)
- Green (37%)
- Blue (42%)



- Red (61%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 27.220, 7.280 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, 27.220, 7.280 by changing the saturation by 10% instead.


 47, 27.220, 7.280  47, 27.220, 7.280

 100, 27.220, 7.280  37, 27.220, 7.280

 67, 27.220, 7.280  27, 27.220, 7.280

 77, 27.220, 7.280  17, 27.220, 7.280

 87, 27.220, 7.280  7, 27.220, 7.280

 97, 27.220, 7.280  0, 27.220, 7.280

 47, 27.220, 7.280  47, 27.220, 7.280

 43, 34.439, 9.184  51, 20.028, 5.737

 40, 41.465, 11.559  55, 13.024, 4.452

 37, 48.024, 14.553  60, 6.298, 3.345

35, 53.865, 18.304

64, 0.108, 186.398

33, 58.862, 22.871

69, 6.182, 181.764

32, 63.343, 27.822

73, 11.935,
181.029

32, 63.426, 27.904

78, 17.384,
180.392

83, 22.556,
179.825

87, 27.476,
179.314

Harmonies

Complementary

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



47, 27.220, 7.280



60, 23.174, 178.735

Rectangle

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



47, 27.220, 7.280



47, 27.220, 57.280



47, 27.220, 187.280



47, 27.220, 237.280

Sweetspot

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



47, 27.218, 7.283



74, 9.554, 3.601



47, 40.317, 320.000



39, 6.407, 3.729



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



47, 27.218, 7.283



56, 40.923, 8.995



51, 22.648, 47.669



31, 3.668, 3.285



29, 59.356, 27.449



1, 4.673, 3.324

Inverse Universe

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



47, 27.218, 7.283



56, 40.923, 8.995



55, 17.590, 233.506



31, 3.668, 3.285



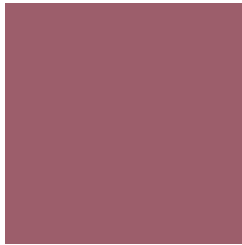
29, 59.356, 27.449



1, 4.673, 3.324

Previews

White Background



This preview shows how the CIELCh color 47, 27.220, 7.280 looks on a white background.

Color Contrast Check

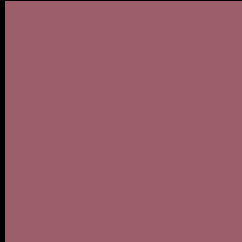
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.220, 7.280 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, 27.220, 7.280

Background



This preview shows how black text looks on a background with the CIELCh color 47, 27.220, 7.280.



This preview shows how white text looks on a background with the CIELCh color 47, 27.220, 7.280.

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, 27.220, 7.280

Protanopia

47, 3.583, 297.063

Deuteranopia

47, 8.018, 37.232



Tritanopia
47, 26.627, 13.172

Trichromacy



Original Color
47, 27.220, 7.280

Protanomaly
47, 10.613, 354.402

Deuteranomaly
47, 14.567, 16.658

Tritanomaly
47, 26.659, 10.673

Monochromacy



Original Color
47, 27.220, 7.280

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 9.464, 6.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 27.220, 7.280 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(156, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(156, 94, 107)  
}
```

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(156, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 94, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 27.220, 7.280 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(156, 94, 107) }
```

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

```
.border{ border-color:rgb(156, 94, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 94, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 94, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 94, 107); box-shadow:4px 4px 4px 4px rgb(156, 94, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 27.220, 7.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 94, 107) }
```

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

```
.background{ background-color: rgb(156, 94,  
107) }
```

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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