

Converting Colors

CIELCh(46, 47.123, 27.393)

Have a look what the booklet for
CIELCh(46, 47.123, 27.393) contains.

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Color

CIELCh(46, 47.134, 27.374)

Conversions

Conversions Part 1

Format	Color
Hex	B34C4B
RGB	179, 76, 75
RGB Percent	70%, 30%, 29%
CMY	0.2979, 0.7018, 0.7058
CMYK	0.00, 0.58, 0.58, 0.30
HSL	1°, 41%, 50%
HSV	1°, 58%, 70%
XYZ	22.4551, 15.2687, 8.4249
YIQ	106.6830, 61.7090, 21.5250

Conversions

Conversions Part 2

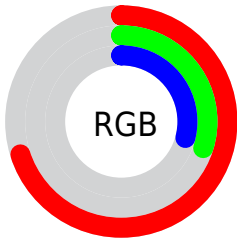
Format	Color
RYB	179, 76, 75
Decimal	11750475
CIELab	46.00, 41.86, 21.67
CIELCh	46, 47.134, 27.374
Yxy	15.2687, 0.4866, 0.3309
Android (android.graphics.Color)	4289940555 (0xFFB34C4B)
YUV	106.6830, -15.6197, 63.4220
Hunter-Lab	39.0751, 34.1961, 14.5693

Details

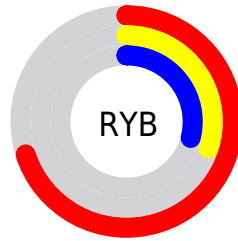
The CIELCh color **46, 47.134, 27.374** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **67, 30.611, 198.030**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 47.242, 27.046**, and **26, 47.258, 27.379** is the 20% darker color. If you saturate the color by 10%, you get **43, 56.304, 30.064**, and if you desaturate by 10%, it is **50, 37.988, 25.254**.

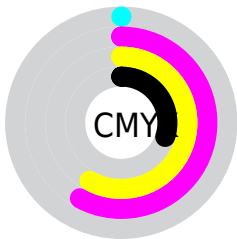
Distribution



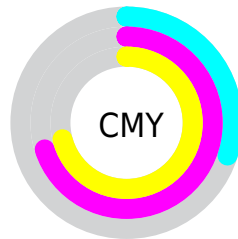
- Red (70%)
- Green (30%)
- Blue (29%)



- Red (70%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 47.134, 27.374 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 46, 47.134, 27.374 by changing the saturation by 10% instead.


 46, 47.134, 27.374

 46, 47.134, 27.374

 100, 47.134,
27.374

 36, 47.134, 27.374

 66, 47.134, 27.374


 26, 47.134, 27.374

 76, 47.134, 27.374

 16, 47.134, 27.374

 86, 47.134, 27.374

 6, 47.134, 27.374

 96, 47.134, 27.374

 0, 47.134, 27.374

 46, 47.134, 27.374

 46, 47.134, 27.374

 43, 56.304, 30.064

 50, 37.988, 25.254

 40, 65.142, 33.282

 54, 29.127, 23.616

■ 38, 73.017, 36.676

■ 59, 20.715, 22.361

■ 37, 78.911, 39.512

■ 64, 12.838, 21.391

■ 37, 80.030, 40.084

■ 69, 5.522, 20.605

■ 74, 1.250, 200.537

■ 79, 7.514, 199.753

■ 84, 13.320,
199.374

■ 90, 18.719,
199.086

Harmonies

Complementary

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



46, 47.134, 27.374



67, 30.611, 198.030

Rectangle

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



46, 47.134, 27.374



46, 47.134, 77.374



46, 47.134, 207.374



46, 47.134, 257.374

Sweetspot

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



46, 47.132, 27.377



81, 14.847, 21.323



49, 66.411, 327.347



42, 10.089, 21.493



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



46, 47.132, 27.377



54, 71.750, 31.009



57, 38.719, 68.188



35, 3.873, 20.698



31, 70.796, 39.671



2, 9.086, 20.033

Inverse Universe

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



67, 30.611, 198.030



84, 41.702, 197.844



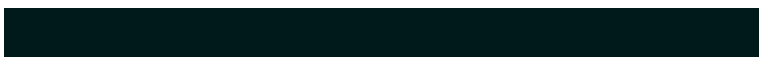
52, 32.757, 267.154



37, 3.654, 199.833



57, 33.762, 197.874



7, 9.000, 200.374

Previews

White Background



This preview shows how the CIELCh color 46, 47.134, 27.374 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 46, 47.134, 27.374 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 46, 47.134, 27.374

Background



This preview shows how black text looks on a background with the CIELCh color 46, 47.134, 27.374.

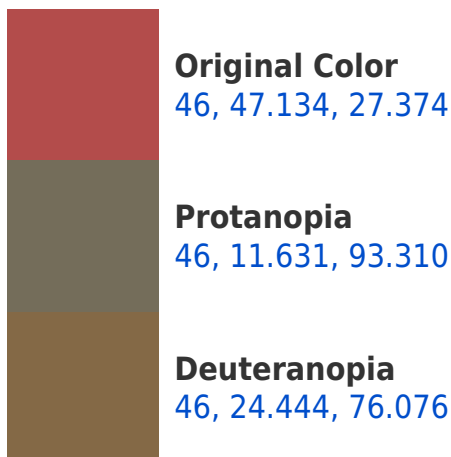


This preview shows how white text looks on a background with the CIELCh color 46, 47.134, 27.374.

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



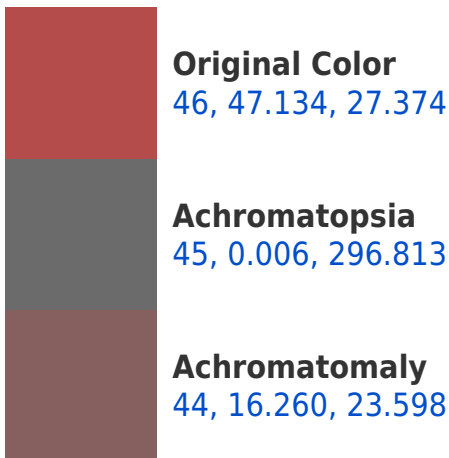


Tritanopia
46, 46.589, 23.450

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 47.134, 27.374 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(179, 76, 75)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 75)  
}
```

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(179, 76, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 47.134, 27.374 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(179, 76, 75) }
```

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

```
.border{ border-color:rgb(179, 76, 75) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 75);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 47.134, 27.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 75) }
```

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

```
.background{ background-color: rgb(179, 76,  
75) }
```

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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