

Converting Colors

CIELCh(47, 39.923, 25.227)

Have a look what the booklet for
CIELCh(47, 39.923, 25.227) contains.

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Color

CIELCh(47, 39.677, 25.172)

Conversions

Conversions Part 1

Format	Color
Hex	AD5555
RGB	173, 85, 85
RGB Percent	68%, 33%, 33%
CMY	0.3218, 0.6669, 0.6669
CMYK	0.00, 0.51, 0.51, 0.32
HSL	0°, 35%, 51%
HSV	0°, 51%, 68%
XYZ	22.1003, 16.0195, 10.5102
YIQ	111.3120, 52.4480, 18.6560

Conversions

Conversions Part 2

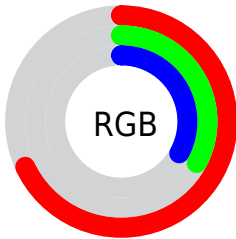
Format	Color
R_{YB}	173, 85, 85
Decimal	11359573
CIE _{Lab}	47.00, 35.91, 16.88
CIE _{LCh}	47, 39.677, 25.172
Yxy	16.0195, 0.4545, 0.3294
Android (android.graphics.Color)	4289549653 (0xFFAD5555)
YUV	111.3120, -12.9718, 54.1004
Hunter-Lab	40.0243, 28.5200, 12.4477

Details

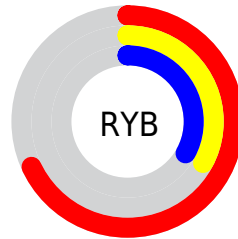
The CIELCh color **47, 39.677, 25.172** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 27.492, 197.164**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 39.690, 25.028**, and **27, 39.508, 25.103** is the 20% darker color. If you saturate the color by 10%, you get **43, 48.615, 27.516**, and if you desaturate by 10%, it is **51, 30.926, 23.360**.

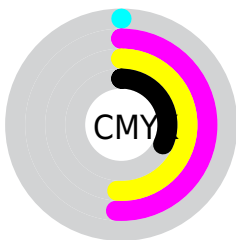
Distribution



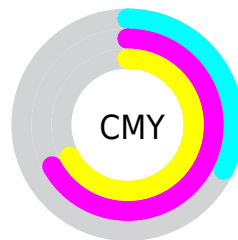
- Red (68%)
- Green (33%)
- Blue (33%)



- Red (68%)
- Yellow (33%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (51%)
- Black (32%)



- Cyan (32%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 39.677, 25.172 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, 39.677, 25.172 by changing the saturation by 10% instead.

■ 47, 39.677, 25.172

■ 47, 39.677, 25.172

■ 100, 39.677,
25.172

■ 37, 39.677, 25.172

■ 67, 39.677, 25.172

■ 27, 39.677, 25.172

■ 77, 39.677, 25.172

■ 17, 39.677, 25.172

■ 87, 39.677, 25.172

■ 7, 39.677, 25.172

■ 97, 39.677, 25.172

■ 0, 39.677, 25.172

■ 47, 39.677, 25.172

■ 47, 39.677, 25.172

■ 43, 48.615, 27.516

■ 51, 30.926, 23.360

■ 40, 57.468, 30.448

■ 56, 22.562, 21.965

38, 65.839, 33.879

60, 14.694, 20.889

37, 72.999, 37.311

65, 7.365, 20.033

36, 78.073, 39.923

70, 0.574, 18.598

75, 5.712, 199.045

80, 11.536,
198.602

86, 16.947,
198.268

91, 21.994,
198.002

Harmonies

Complementary

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



47, 39.677, 25.172



66, 27.492, 197.164

Rectangle

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



47, 39.677, 25.172



47, 39.677, 75.172



47, 39.677, 205.172



47, 39.677, 255.172

Sweetspot

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



47, 39.675, 25.175



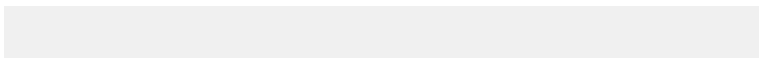
80, 12.768, 20.388



50, 57.690, 327.047



41, 8.769, 20.562



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



47, 39.675, 25.175



56, 60.347, 27.833



57, 32.481, 69.131



34, 3.818, 19.910



31, 69.982, 39.447



2, 7.801, 19.406

Inverse Universe

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



66, 27.492, 197.164



82, 38.117, 196.857



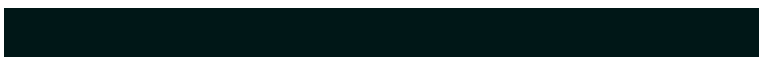
53, 28.071, 264.968



36, 3.603, 198.990



56, 33.807, 196.388



6, 7.801, 199.423

Previews

White Background



This preview shows how the CIELCh color 47, 39.677, 25.172 looks on a white background.

Color Contrast Check

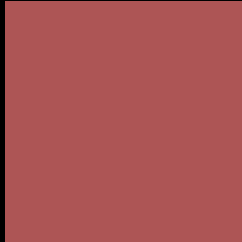
Large Text (above 18pt) WCAG AA ✓ Pass

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 47, 39.677, 25.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

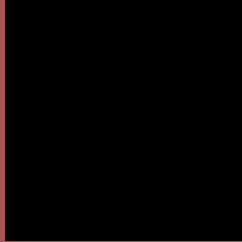
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 39.677, 25.172

Background



This preview shows how black text looks on a background with the CIELCh color 47, 39.677, 25.172.

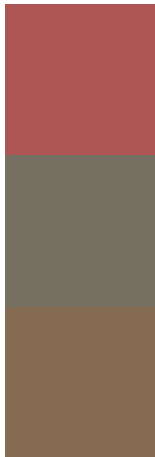


This preview shows how white text looks on a background with the CIELCh color 47, 39.677, 25.172.

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, 39.677, 25.172

Protanopia

47, 8.504, 94.468

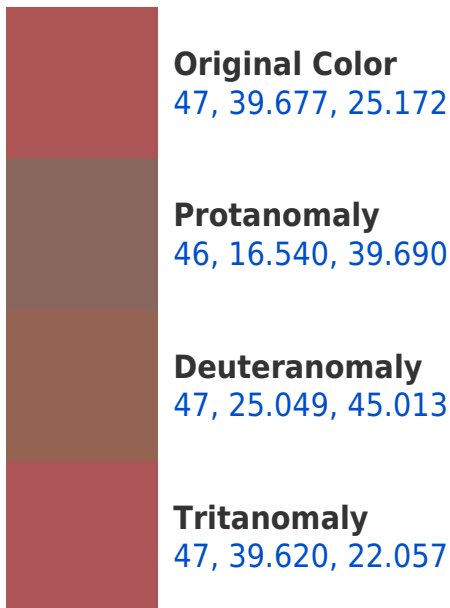
Deuteranopia

47, 19.577, 70.719

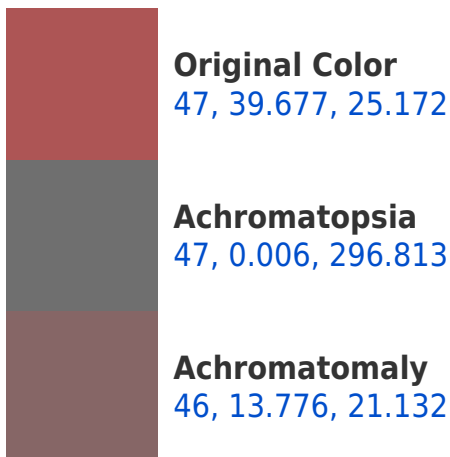


Tritanopia
47, 39.389, 20.403

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 39.677, 25.172 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(173, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(173, 85, 85)  
}
```

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(173, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 85, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 39.677, 25.172 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(173, 85, 85) }
```

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

```
.border{ border-color:rgb(173, 85, 85) }
```

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

Here you see how a box with a 4 pixel rgb(173, 85, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(173, 85,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 39.677, 25.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 85, 85) }
```

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

```
.background{ background-color: rgb(173, 85,  
85) }
```

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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