

Converting Colors

CIELCh(49, 73.968, 37.930)

Have a look what the booklet for
CIELCh(49, 73.968, 37.930) contains.

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Color

CIELCh(49, 74.035, 37.773)

Conversions

Conversions Part 1

Format	Color
Hex	D53C2A
RGB	213, 60, 42
RGB Percent	84%, 24%, 16%
CMY	0.1640, 0.7639, 0.8347
CMYK	0.00, 0.72, 0.80, 0.16
HSL	6°, 67%, 50%
HSV	6°, 80%, 84%
XYZ	29.5425, 17.5941, 4.0424
YIQ	103.6950, 96.9660, 26.8380

Conversions

Conversions Part 2

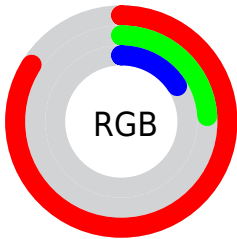
Format	Color
RYB	213, 62, 42
Decimal	13974570
CIELab	49.00, 58.52, 45.35
CIElCh	49, 74.035, 37.773
Yxy	17.5941, 0.5772, 0.3438
Android (android.graphics.Color)	4292164650 (0xFFD53C2A)
YUV	103.6950, -30.4156, 95.8605
Hunter-Lab	41.9453, 52.3151, 23.6477

Details

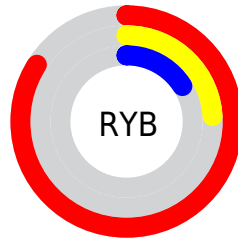
The CIELCh color **49, 74.035, 37.773** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **72, 37.439, 212.255**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 64.980, 38.788**, and **31, 69.814, 39.432** is the 20% darker color. If you saturate the color by 10%, you get **47, 83.203, 39.782**, and if you desaturate by 10%, it is **52, 63.691, 35.629**.

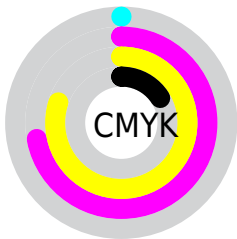
Distribution



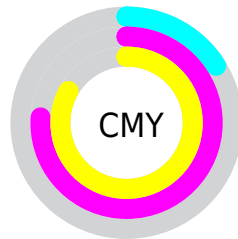
- Red (84%)
- Green (24%)
- Blue (16%)



- Red (84%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (76%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 74.035, 37.773 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 49, 74.035, 37.773 by changing the saturation by 10% instead.

■ 49, 74.035, 37.773

■ 49, 74.035, 37.773

■ 100, 74.035,
37.773

■ 39, 74.035, 37.773

■ 69, 74.035, 37.773

■ 29, 74.035, 37.773

■ 79, 74.035, 37.773

■ 19, 74.035, 37.773

■ 89, 74.035, 37.773

■ 9, 74.035, 37.773

■ 99, 74.035, 37.773

■ 0, 74.035, 37.773

■ 49, 74.035, 37.773

■ 49, 74.035, 37.773

■ 47, 83.203, 39.782

■ 52, 63.691, 35.629

■ 45, 89.727, 41.131

■ 56, 53.147, 33.763

60, 42.854, 32.282

65, 33.049, 31.164

69, 23.855, 30.347

75, 15.318, 29.764

80, 7.433, 29.340

85, 0.163, 25.602

91, 6.543, 209.127

Harmonies

Complementary

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



49, 74.035, 37.773



72, 37.439, 212.255

Rectangle

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



49, 74.035, 37.773



49, 74.035, 87.773



49, 74.035, 217.773



49, 74.035, 267.773

Sweetspot

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



49, 74.032, 37.775



85, 21.362, 29.974



52, 88.255, 331.756



43, 14.896, 30.189



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 74.032, 37.775



55, 100.481, 40.592



65, 63.207, 73.827



42, 4.124, 29.309



36, 75.775, 41.324



6, 20.563, 25.185

Inverse Universe

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



72, 37.439, 212.255



84, 44.316, 214.964



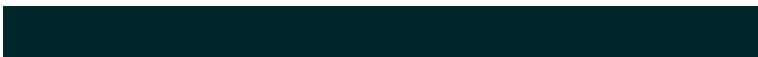
48, 60.856, 285.007



44, 3.880, 209.117



58, 32.943, 215.192



13, 13.119, 211.379

Previews

White Background



This preview shows how the CIELCh color 49, 74.035, 37.773 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 49, 74.035, 37.773 looks on a black 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

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

CIELCh 49, 74.035, 37.773

Background



This preview shows how black text looks on a background with the CIELCh color 49, 74.035, 37.773.



This preview shows how white text looks on a background with the CIELCh color 49, 74.035, 37.773.

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

49, 74.035, 37.773

Protanopia

49, 34.047, 96.086

Deuteranopia

49, 48.639, 82.627

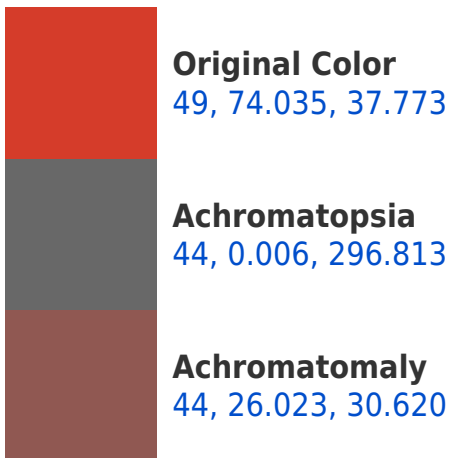


Tritanopia
49, 69.973, 30.647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 74.035, 37.773 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(213, 60, 42)` looks like.

```
.text, #text, p{  
    color:rgb(213, 60, 42)  
}
```

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(213, 60, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 60, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 74.035, 37.773 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(213, 60, 42) }
```

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

```
.border{ border-color:rgb(213, 60, 42) }
```

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

Here you see how a box with a 4 pixel rgb(213, 60, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 60, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 60, 42);  
box-shadow:4px 4px 4px 4px rgb(213, 60,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 74.035, 37.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 60, 42) }
```

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

```
.background{ background-color: rgb(213, 60,  
42) }
```

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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