

Converting Colors

CIELCh(48, 75.415, 29.716)

Have a look what the booklet for
CIELCh(48, 75.415, 29.716) contains.

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Color

CIELCh(48, 75.371, 29.772)

Conversions

Conversions Part 1

Format	Color
Hex	D92B37
RGB	217, 43, 55
RGB Percent	85%, 17%, 22%
CMY	0.1484, 0.8306, 0.7839
CMYK	0.00, 0.80, 0.75, 0.15
HSL	356°, 70%, 51%
HSV	356°, 80%, 85%
XYZ	30.2259, 16.7945, 5.2771
YIQ	96.3940, 99.8520, 40.6200

Conversions

Conversions Part 2

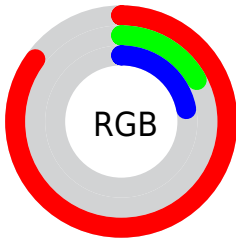
Format	Color
RYB	217, 43, 55
Decimal	14232375
CIELab	48.00, 65.42, 37.43
CIElCh	48, 75.371, 29.772
Yxy	16.7945, 0.5780, 0.3211
Android (android.graphics.Color)	4292422455 (0xFFD92B37)
YUV	96.3940, -20.4072, 105.7715
Hunter-Lab	40.9810, 59.9372, 21.0519

Details

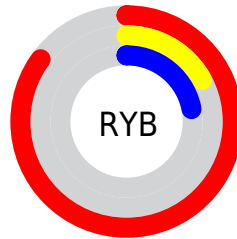
The CIELCh color **48, 75.371, 29.772** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **79, 44.433, 188.008**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 64.628, 29.068**, and **31, 67.801, 35.937** is the 20% darker color. If you saturate the color by 10%, you get **46, 83.551, 34.036**, and if you desaturate by 10%, it is **51, 66.119, 25.911**.

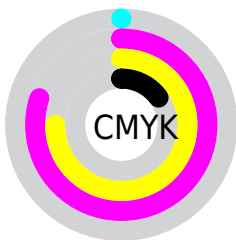
Distribution



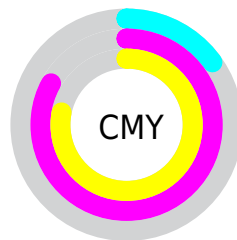
- Red (85%)
- Green (17%)
- Blue (22%)



- Red (85%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (75%)
- Black (15%)



- Cyan (15%)
- Magenta (83%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 75.371, 29.772 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 48, 75.371, 29.772 by changing the saturation by 10% instead.

 48, 75.371, 29.772

 48, 75.371, 29.772

 100, 75.371,
29.772

 38, 75.371, 29.772

 68, 75.371, 29.772

 28, 75.371, 29.772

 78, 75.371, 29.772

 18, 75.371, 29.772

 88, 75.371, 29.772

 8, 75.371, 29.772

 98, 75.371, 29.772

 0, 75.371, 29.772

 48, 75.371, 29.772

 48, 75.371, 29.772

 46, 83.551, 34.036

 51, 66.119, 25.911

 45, 89.855, 37.706

 54, 56.241, 22.724

■ 59, 46.093, 20.200

■ 64, 36.008, 18.230

■ 69, 26.241, 16.688

■ 75, 16.957, 15.463

■ 81, 8.233, 14.457

■ 87, 0.087, 7.077

■ 93, 7.504, 193.166

Harmonies

Complementary

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



48, 75.371, 29.772



79, 44.433, 188.008

Rectangle

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



48, 75.371, 29.772



48, 75.371, 79.772



48, 75.371, 209.772



48, 75.371, 259.772

Sweetspot

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



48, 75.368, 29.774



84, 23.379, 15.934



51, 95.859, 325.180



42, 16.252, 16.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 75.368, 29.774



54, 99.407, 36.749



59, 65.022, 57.634



43, 4.651, 14.394



36, 75.422, 37.128



5, 23.751, 17.315

Inverse Universe

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



48, 75.368, 29.774



54, 99.407, 36.749



58, 45.171, 265.600



43, 4.651, 14.394



36, 75.422, 37.128



5, 23.751, 17.315

Previews

White Background



This preview shows how the CIELCh color 48, 75.371, 29.772 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 48, 75.371, 29.772 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 48, 75.371, 29.772

Background



This preview shows how black text looks on a background with the CIELCh color 48, 75.371, 29.772.



This preview shows how white text looks on a background with the CIELCh color 48, 75.371, 29.772.

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

48, 75.371, 29.772

Protanopia

48, 21.900, 96.502

Deuteranopia

48, 40.807, 81.071



Tritanopia
48, 77.618, 33.739

Trichromacy



Original Color
48, 75.371, 29.772

Protanomaly
45, 35.224, 41.452

Deuteranomaly
46, 48.818, 49.048

Tritanomaly
48, 76.725, 32.173

Monochromacy



Original Color
48, 75.371, 29.772

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 28.907, 18.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 75.371, 29.772 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(217, 43, 55)` looks like.

```
.text, #text, p{  
    color:rgb(217, 43, 55)  
}
```

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(217, 43, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 43, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 75.371, 29.772 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(217, 43, 55) }
```

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

```
.border{ border-color:rgb(217, 43, 55) }
```

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

Here you see how a box with a 4 pixel rgb(217, 43, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 43, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 43, 55);  
box-shadow:4px 4px 4px 4px rgb(217, 43,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 75.371, 29.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 43, 55) }
```

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

```
.background{ background-color: rgb(217, 43,  
55) }
```

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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