

Converting Colors

CIELCh(52, 65.056, 29.541)

Have a look what the booklet for
CIELCh(52, 65.056, 29.541) contains.

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Color

CIELCh(52, 64.851, 29.409)

Conversions

Conversions Part 1

Format	Color
Hex	DA4949
RGB	218, 73, 73
RGB Percent	85%, 29%, 29%
CMY	0.1452, 0.7138, 0.7138
CMYK	0.00, 0.67, 0.67, 0.15
HSL	0°, 66%, 57%
HSV	0°, 67%, 85%
XYZ	32.4888, 20.1443, 8.4761
YIQ	116.3550, 86.4200, 30.7400

Conversions

Conversions Part 2

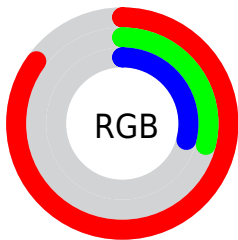
Format	Color
RYB	218, 73, 73
Decimal	14305609
CIELab	52.00, 56.49, 31.84
CIELCh	52, 64.851, 29.409
Yxy	20.1443, 0.5317, 0.3296
Android (android.graphics.Color)	4292495689 (0xFFDA4949)
YUV	116.3550, -21.3740, 89.1427
Hunter-Lab	44.8824, 50.6655, 20.2207

Details

The CIELCh color **52, 64.851, 29.409** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **80, 39.132, 196.738**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.952, 28.977**, and **32, 64.532, 29.725** is the 20% darker color. If you saturate the color by 10%, you get **49, 75.208, 32.761**, and if you desaturate by 10%, it is **56, 54.082, 26.639**.

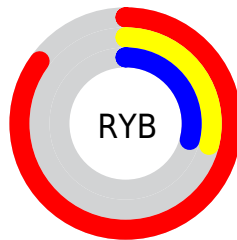
Distribution



Red (85%)

Green (29%)

Blue (29%)



Red (85%)

Yellow (29%)

Blue (29%)

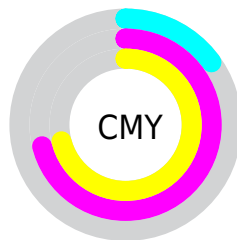


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 64.851, 29.409 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 52, 64.851, 29.409 by changing the saturation by 10% instead.

■ 52, 64.851, 29.409

■ 52, 64.851, 29.409

■ 100, 64.851,
29.409

■ 42, 64.851, 29.409

■ 72, 64.851, 29.409

■ 32, 64.851, 29.409

■ 82, 64.851, 29.409

■ 22, 64.851, 29.409

■ 92, 64.851, 29.409

■ 12, 64.851, 29.409

■ 2, 64.851, 29.409

■ 0, 64.851, 29.409

■ 52, 64.851, 29.409

■ 52, 64.851, 29.409

■ 49, 75.208, 32.761

■ 56, 54.082, 26.639

■ 47, 84.443, 36.338

■ 61, 43.338, 24.462

■ 46, 91.017, 39.165

■ 66, 32.928, 22.790

■ 45, 92.893, 40.000

■ 71, 23.051, 21.509

■ 77, 13.812, 20.518

■ 83, 5.239, 19.698

■ 89, 2.689, 199.445

■ 95, 10.019,
198.825

■ 97, 12.458,
198.674

Harmonies

Complementary

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



52, 64.851, 29.409



80, 39.132, 196.738

Rectangle

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



52, 64.851, 29.409



52, 64.851, 79.409



52, 64.851, 209.409



52, 64.851, 259.409

Sweetspot

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



52, 64.848, 29.412



86, 19.269, 20.853



57, 86.142, 327.671



44, 13.292, 21.134



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 64.848, 29.412



56, 89.248, 34.271



66, 52.824, 66.945



43, 4.639, 19.933



36, 78.235, 39.929



5, 23.840, 20.270

Inverse Universe

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



80, 39.132, 196.738



91, 47.958, 196.513



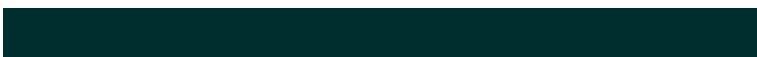
59, 43.673, 270.297



45, 4.371, 198.974



64, 37.530, 196.390



16, 15.073, 196.390

Previews

White Background



This preview shows how the CIELCh color 52, 64.851, 29.409 looks on a white 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

Black Background



This preview shows how the CIELCh color 52, 64.851, 29.409 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 52, 64.851, 29.409

Background



This preview shows how black text looks on a background with the CIELCh color 52, 64.851, 29.409.



This preview shows how white text looks on a background with the CIELCh color 52, 64.851, 29.409.

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
52, 64.456, 27.715

Trichromacy



Original Color
52, 64.851, 29.409

Protanomaly
50, 29.632, 43.686

Deuteranomaly
51, 41.820, 49.932

Tritanomaly
52, 64.670, 28.180

Monochromacy



Original Color
52, 64.851, 29.409

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 23.187, 22.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 64.851, 29.409 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(218, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(218, 73, 73)  
}
```

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(218, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 73, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 64.851, 29.409 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(218, 73, 73) }
```

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

```
.border{ border-color:rgb(218, 73, 73) }
```

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

Here you see how a box with a 4 pixel rgb(218, 73, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(218, 73,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 64.851, 29.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 73, 73) }
```

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

```
.background{ background-color: rgb(218, 73,  
73) }
```

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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