

Converting Colors

CIELCh(52, 60.939, 29.206)

Have a look what the booklet for
CIELCh(52, 60.939, 29.206) contains.

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Color

CIELCh(52, 60.778, 29.434)

Conversions

Conversions Part 1

Format	Color
Hex	D54E4C
RGB	213, 78, 76
RGB Percent	84%, 31%, 30%
CMY	0.1643, 0.6937, 0.7017
CMYK	0.00, 0.63, 0.64, 0.16
HSL	1°, 62%, 57%
HSV	1°, 64%, 84%
XYZ	31.5060, 20.1443, 9.0785
YIQ	118.1370, 81.1020, 27.9980

Conversions

Conversions Part 2

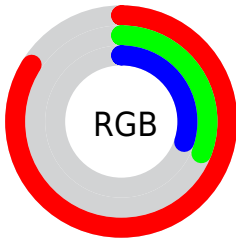
Format	Color
R_{YB}	213, 78, 76
Decimal	13979212
CIE Lab	52.00, 52.93, 29.87
CIE LCh	52, 60.778, 29.434
Yxy	20.1443, 0.5188, 0.3317
Android (android.graphics.Color)	4292169292 (0xFFD54E4C)
YUV	118.1370, -20.7735, 83.1949
Hunter-Lab	44.8824, 46.7570, 19.4249

Details

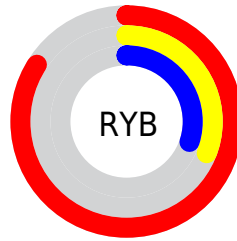
The CIELCh color **52, 60.778, 29.434** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **78, 37.110, 198.514**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.186, 29.359**, and **32, 60.808, 29.290** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.148, 32.490**, and if you desaturate by 10%, it is **56, 50.182, 26.946**.

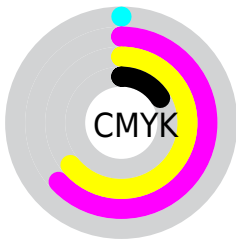
Distribution



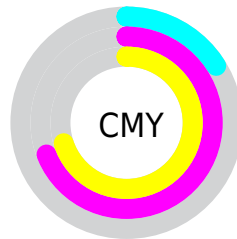
- Red (84%)
- Green (31%)
- Blue (30%)



- Red (84%)
- Yellow (31%)
- Blue (30%)



- Cyan (0%)
- Magenta (63%)
- Yellow (64%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 60.778, 29.434 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, 60.778, 29.434 by changing the saturation by 10% instead.

■ 52, 60.778, 29.434

■ 52, 60.778, 29.434

■ 100, 60.778,
29.434

■ 42, 60.778, 29.434

■ 72, 60.778, 29.434

■ 32, 60.778, 29.434

■ 82, 60.778, 29.434

■ 22, 60.778, 29.434

■ 92, 60.778, 29.434

■ 12, 60.778, 29.434

■ 2, 60.778, 29.434

■ 0, 60.778, 29.434

■ 52, 60.778, 29.434

■ 52, 60.778, 29.434

■ 49, 71.148, 32.490

■ 56, 50.182, 26.946

■ 46, 80.688, 35.872

■ 61, 39.745, 25.003

45, 88.091, 38.793

66, 29.724, 23.516

45, 91.134, 40.130

71, 20.275, 22.379

77, 11.470, 21.499

83, 3.315, 20.717

89, 4.221, 200.523

95, 11.189,
200.044

97, 14.019,
198.571

Harmonies

Complementary

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



52, 60.778, 29.434



78, 37.110, 198.514

Rectangle

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



52, 60.778, 29.434



52, 60.778, 79.434



52, 60.778, 209.434



52, 60.778, 259.434

Sweetspot

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



52, 60.775, 29.437



87, 17.975, 21.904



56, 82.576, 327.596



45, 12.512, 22.165



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, 60.775, 29.437



57, 85.439, 33.658



66, 49.969, 67.265



42, 4.483, 21.129



35, 77.145, 40.080



5, 21.791, 20.477

Inverse Universe

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



78, 37.110, 198.514



91, 46.470, 198.465



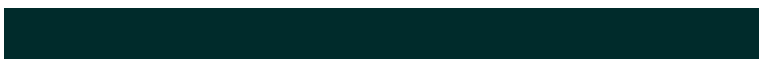
58, 41.528, 269.468



44, 4.223, 200.268



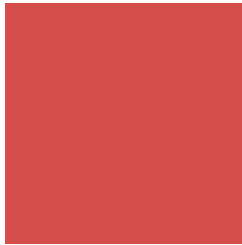
63, 36.359, 198.689



15, 14.312, 198.261

Previews

White Background



This preview shows how the CIELCh color 52, 60.778, 29.434 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, 60.778, 29.434 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, 60.778, 29.434

Background



This preview shows how black text looks on a background with the CIELCh color 52, 60.778, 29.434.

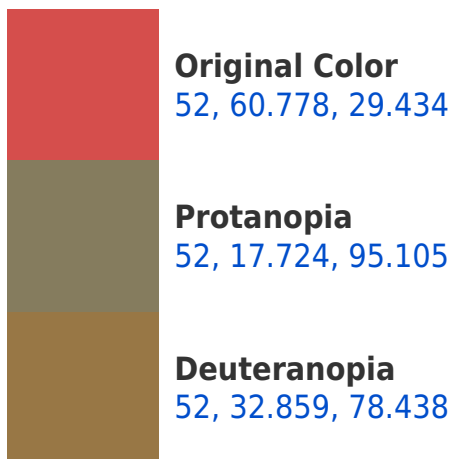


This preview shows how white text looks on a background with the CIELCh color 52, 60.778, 29.434.

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, 59.819, 26.065

Trichromacy



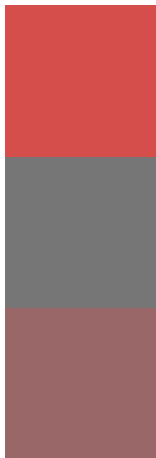
Original Color
52, 60.778, 29.434

Protanomaly
51, 28.109, 45.890

Deuteranomaly
51, 38.826, 50.166

Tritanomaly
52, 60.210, 27.085

Monochromacy



Original Color
52, 60.778, 29.434

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 21.724, 22.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 60.778, 29.434 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, 78, 76)` looks like.

```
.text, #text, p{  
    color:rgb(213, 78, 76)  
}
```

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, 78, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 78, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 60.778, 29.434 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, 78, 76) }
```

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

```
.border{ border-color:rgb(213, 78, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 78, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 78, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 78, 76);  
box-shadow:4px 4px 4px 4px rgb(213, 78,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 60.778, 29.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 78, 76) }
```

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

```
.background{ background-color: rgb(213, 78,  
76) }
```

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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