

Converting Colors

CIELCh(52, 61.367, 28.669)

Have a look what the booklet for
CIELCh(52, 61.367, 28.669) contains.

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Color

CIELCh(52, 61.248, 28.638)

Conversions

Conversions Part 1

Format	Color
Hex	D64D4D
RGB	214, 77, 77
RGB Percent	84%, 30%, 30%
CMY	0.1607, 0.6979, 0.6980
CMYK	0.00, 0.64, 0.64, 0.16
HSL	0°, 63%, 57%
HSV	0°, 64%, 84%
XYZ	31.7312, 20.1443, 9.2393
YIQ	117.9630, 81.6520, 29.0440

Conversions

Conversions Part 2

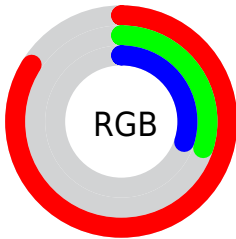
Format	Color
RYB	214, 77, 77
Decimal	14044493
CIELab	52.00, 53.76, 29.35
CIELCh	52, 61.248, 28.638
Yxy	20.1443, 0.5192, 0.3296
Android (android.graphics.Color)	4292234573 (0xFFD64D4D)
YUV	117.9630, -20.1948, 84.2244
Hunter-Lab	44.8824, 47.6524, 19.2125

Details

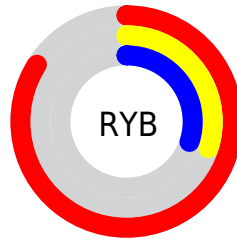
The CIELCh color **52, 61.248, 28.638** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **79, 37.767, 196.798**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 52.312, 28.291**, and **32, 61.267, 28.530** is the 20% darker color. If you saturate the color by 10%, you get **49, 71.606, 31.852**, and if you desaturate by 10%, it is **56, 50.609, 26.029**.

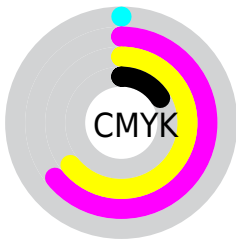
Distribution



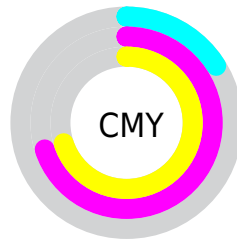
- Red (84%)
- Green (30%)
- Blue (30%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 61.248, 28.638 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, 61.248, 28.638 by changing the saturation by 10% instead.

■ 52, 61.248, 28.638

■ 52, 61.248, 28.638

■ 100, 61.248,
28.638

■ 42, 61.248, 28.638

■ 72, 61.248, 28.638

■ 32, 61.248, 28.638

■ 82, 61.248, 28.638

■ 22, 61.248, 28.638

■ 92, 61.248, 28.638

■ 12, 61.248, 28.638

■ 2, 61.248, 28.638

■ 0, 61.248, 28.638

■ 52, 61.248, 28.638

■ 52, 61.248, 28.638

■ 49, 71.606, 31.852

■ 56, 50.609, 26.029

■ 46, 81.094, 35.430

■ 61, 40.083, 23.995

45, 88.442, 38.571

66, 29.946, 22.434

45, 91.622, 40.001

72, 20.369, 21.238

77, 11.432, 20.306

83, 3.149, 19.469

89, 4.510, 199.233

95, 11.593,
198.722

97, 13.726,
198.590

Harmonies

Complementary

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



52, 61.248, 28.638



79, 37.767, 196.798

Rectangle

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



52, 61.248, 28.638



52, 61.248, 78.638



52, 61.248, 208.638



52, 61.248, 258.638

Sweetspot

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



52, 61.245, 28.641



87, 18.233, 20.762



57, 82.589, 327.587



45, 12.690, 21.040



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, 61.245, 28.641



57, 85.962, 33.179



66, 49.901, 67.302



42, 4.549, 19.935



35, 77.348, 39.900



5, 21.999, 19.770

Inverse Universe

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



79, 37.767, 196.798



92, 47.306, 196.556



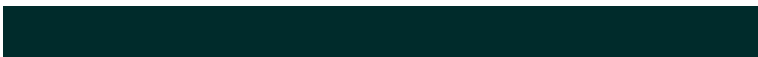
59, 41.498, 269.373



44, 4.287, 198.980



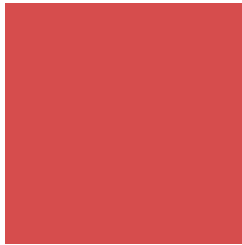
63, 37.119, 196.397



15, 14.557, 196.395

Previews

White Background



This preview shows how the CIELCh color 52, 61.248, 28.638 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, 61.248, 28.638 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, 61.248, 28.638

Background



This preview shows how black text looks on a background with the CIELCh color 52, 61.248, 28.638.



This preview shows how white text looks on a background with the CIELCh color 52, 61.248, 28.638.

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

52, 61.248, 28.638

Protanopia

52, 16.608, 94.441

Deuteranopia

52, 32.362, 78.092



Tritanopia
52, 60.709, 26.302

Trichromacy



Original Color
52, 61.248, 28.638

Protanomaly
51, 27.477, 43.947

Deuteranomaly
51, 38.880, 49.273

Tritanomaly
52, 60.905, 26.805

Monochromacy



Original Color
52, 61.248, 28.638

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, 61.248, 28.638 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(214, 77, 77)` looks like.

```
.text, #text, p{  
    color:rgb(214, 77, 77)  
}
```

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(214, 77, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 77, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 61.248, 28.638 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(214, 77, 77) }
```

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

```
.border{ border-color:rgb(214, 77, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 77, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 77, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 77, 77);  
box-shadow:4px 4px 4px 4px rgb(214, 77,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 61.248, 28.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 77, 77) }
```

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

```
.background{ background-color: rgb(214, 77,  
77) }
```

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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