

Converting Colors

CIELCh(52, 63.127, 33.202)

Have a look what the booklet for
CIELCh(52, 63.127, 33.202) contains.

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Color

CIELCh(52, 63.127, 33.202)

Conversions

Conversions Part 1

Format	Color
Hex	D64E44
RGB	214, 78, 68
RGB Percent	84%, 31%, 27%
CMY	0.1610, 0.6943, 0.7335
CMYK	0.00, 0.64, 0.68, 0.16
HSL	4°, 64%, 55%
HSV	4°, 68%, 84%
XYZ	31.4755, 20.1443, 7.6908
YIQ	117.5240, 84.2660, 25.7220

Conversions

Conversions Part 2

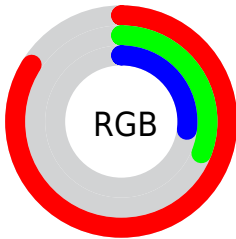
Format	Color
R _Y B	214, 79, 68
Decimal	14044740
CIE Lab	52.00, 52.82, 34.57
CIE LCh	52, 63.127, 33.202
Yxy	20.1443, 0.5307, 0.3396
Android (android.graphics.Color)	4292234820 (0xFFD64E44)
YUV	117.5240, -24.4153, 84.6095
Hunter-Lab	44.8824, 46.6357, 21.2582

Details

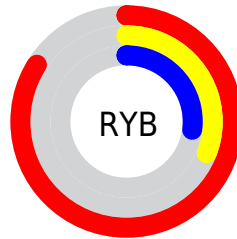
The CIELCh color **52, 63.127, 33.202** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **76, 36.304, 205.535**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.834, 33.631**, and **32, 63.014, 33.105** is the 20% darker color. If you saturate the color by 10%, you get **49, 73.521, 35.771**, and if you desaturate by 10%, it is **56, 52.521, 31.034**.

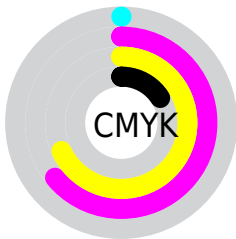
Distribution



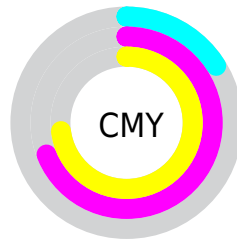
- Red (84%)
- Green (31%)
- Blue (27%)



- Red (84%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (64%)
- Yellow (68%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 63.127, 33.202 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, 63.127, 33.202 by changing the saturation by 10% instead.

■ 52, 63.127, 33.202

■ 52, 63.127, 33.202

■ 100, 63.127,
33.202

■ 42, 63.127, 33.202

■ 72, 63.127, 33.202

■ 32, 63.127, 33.202

■ 82, 63.127, 33.202

■ 22, 63.127, 33.202

■ 92, 63.127, 33.202

■ 12, 63.127, 33.202

■ 2, 63.127, 33.202

■ 0, 63.127, 33.202

■ 52, 63.127, 33.202

■ 52, 63.127, 33.202

■ 49, 73.521, 35.771

■ 56, 52.521, 31.034

■ 47, 82.881, 38.371

■ 60, 42.131, 29.321

45, 89.645, 40.243

65, 32.198, 28.015

45, 90.675, 40.627

70, 22.861, 27.038

75, 14.176, 26.310

81, 6.145, 25.740

87, 1.264, 205.931

92, 8.103, 205.283

97, 13.752,
198.588

Harmonies

Complementary

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



52, 63.127, 33.202



76, 36.304, 205.535

Rectangle

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



52, 63.127, 33.202



52, 63.127, 83.202



52, 63.127, 213.202



52, 63.127, 263.202

Sweetspot

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



52, 63.124, 33.205



87, 18.072, 26.437



55, 82.588, 329.944



45, 12.474, 26.633



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, 63.124, 33.205



57, 89.073, 37.000



67, 54.037, 72.902



42, 4.260, 25.805



36, 76.409, 40.742



5, 21.051, 23.192

Inverse Universe

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



76, 36.304, 205.535



87, 44.679, 206.482



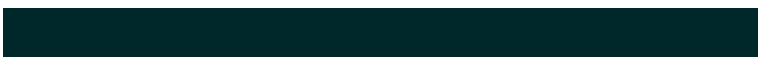
54, 48.883, 277.634



44, 4.008, 205.323



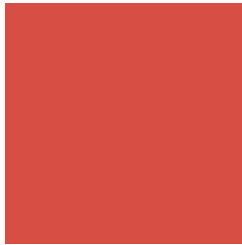
60, 34.036, 207.993



14, 13.532, 205.705

Previews

White Background



This preview shows how the CIELCh color 52, 63.127, 33.202 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, 63.127, 33.202 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, 63.127, 33.202

Background



This preview shows how black text looks on a background with the CIELCh color 52, 63.127, 33.202.



This preview shows how white text looks on a background with the CIELCh color 52, 63.127, 33.202.

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, 60.709, 26.302

Trichromacy



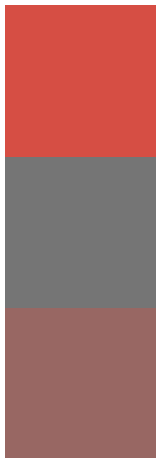
Original Color
52, 63.127, 33.202

Protanomaly
51, 31.751, 51.901

Deuteranomaly
51, 43.065, 54.441

Tritanomaly
52, 61.467, 29.125

Monochromacy



Original Color
52, 63.127, 33.202

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 21.739, 28.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 63.127, 33.202 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, 78, 68)` looks like.

```
.text, #text, p{  
    color:rgb(214, 78, 68)  
}
```

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, 78, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 78, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 63.127, 33.202 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, 78, 68) }
```

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

```
.border{ border-color:rgb(214, 78, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 78, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 78, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 78, 68);  
box-shadow:4px 4px 4px 4px rgb(214, 78,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 63.127, 33.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 78, 68) }
```

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

```
.background{ background-color: rgb(214, 78,  
68) }
```

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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