

Converting Colors

CIELCh(52, 71.259, 33.126)

Have a look what the booklet for
CIELCh(52, 71.259, 33.126) contains.

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Color

CIELCh(52, 71.053, 33.204)

Conversions

Conversions Part 1

Format	Color
Hex	DF443D
RGB	223, 68, 61
RGB Percent	87%, 27%, 24%
CMY	0.1257, 0.7335, 0.7609
CMYK	0.00, 0.70, 0.73, 0.13
HSL	3°, 72%, 56%
HSV	3°, 73%, 87%
XYZ	33.3204, 20.1443, 6.5415
YIQ	113.5470, 94.6270, 30.6830

Conversions

Conversions Part 2

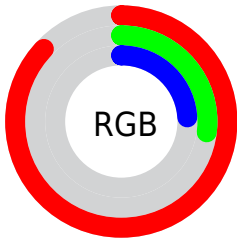
Format	Color
RYB	223, 68, 61
Decimal	14631997
CIELab	52.00, 59.45, 38.91
CIElCh	52, 71.053, 33.204
Yxy	20.1443, 0.5553, 0.3357
Android (android.graphics.Color)	4292822077 (0xFFDF443D)
YUV	113.5470, -25.9057, 95.9903
Hunter-Lab	44.8824, 53.9729, 22.7764

Details

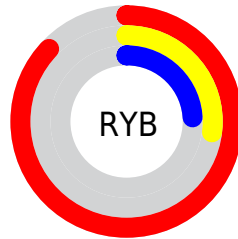
The CIELCh color **52, 71.053, 33.204** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **79, 39.598, 202.223**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 57.818, 33.648**, and **33, 69.309, 34.995** is the 20% darker color. If you saturate the color by 10%, you get **49, 81.324, 36.204**, and if you desaturate by 10%, it is **56, 60.150, 30.543**.

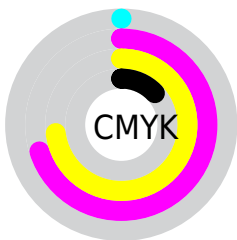
Distribution



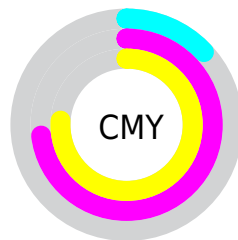
- Red (87%)
- Green (27%)
- Blue (24%)



- Red (87%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (70%)
- Yellow (73%)
- Black (13%)



- Cyan (13%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 71.053, 33.204 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, 71.053, 33.204 by changing the saturation by 10% instead.

■ 52, 71.053, 33.204

■ 52, 71.053, 33.204

■ 100, 71.053,
33.204

■ 42, 71.053, 33.204

■ 72, 71.053, 33.204

■ 32, 71.053, 33.204

■ 82, 71.053, 33.204

■ 22, 71.053, 33.204

■ 92, 71.053, 33.204

■ 12, 71.053, 33.204

■ 2, 71.053, 33.204

■ 0, 71.053, 33.204

■ 52, 71.053, 33.204

■ 52, 71.053, 33.204

■ 49, 81.324, 36.204

■ 56, 60.150, 30.543

■ 48, 89.733, 38.890

■ 60, 49.208, 28.389

47, 93.932, 40.359

65, 38.569, 26.719

70, 28.453, 25.451

76, 18.977, 24.493

81, 10.180, 23.757

87, 2.052, 22.995

93, 5.450, 203.006

98, 10.844,
198.782

Harmonies

Complementary

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



52, 71.053, 33.204



79, 39.598, 202.223

Rectangle

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



52, 71.053, 33.204



52, 71.053, 83.204



52, 71.053, 213.204



52, 71.053, 263.204

Sweetspot

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



52, 71.050, 33.207



86, 20.508, 24.452



56, 90.826, 328.960



44, 13.931, 24.685



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, 71.050, 33.207



55, 95.055, 37.652



67, 59.235, 69.098



44, 4.532, 23.549



37, 78.518, 40.454



6, 24.788, 23.105

Inverse Universe

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



79, 39.598, 202.223



88, 46.542, 202.829



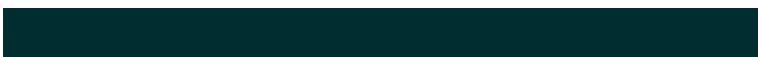
56, 51.032, 276.153



46, 4.265, 202.877



63, 35.798, 203.457



16, 14.835, 202.243

Previews

White Background



This preview shows how the CIELCh color 52, 71.053, 33.204 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, 71.053, 33.204 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, 71.053, 33.204

Background



This preview shows how black text looks on a background with the CIELCh color 52, 71.053, 33.204.



This preview shows how white text looks on a background with the CIELCh color 52, 71.053, 33.204.

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, 71.053, 33.204

Protanopia

52, 26.097, 96.909

Deuteranopia

52, 42.038, 80.266



Tritanopia
52, 69.060, 29.278

Trichromacy



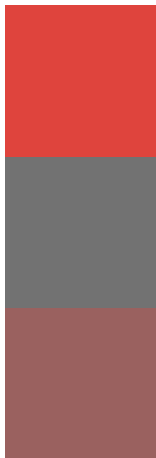
Original Color
52, 71.053, 33.204

Protanomaly
50, 35.555, 51.752

Deuteranomaly
51, 48.196, 53.870

Tritanomaly
52, 69.769, 30.536

Monochromacy



Original Color
52, 71.053, 33.204

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 25.343, 25.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 71.053, 33.204 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(223, 68, 61)` looks like.

```
.text, #text, p{  
    color:rgb(223, 68, 61)  
}
```

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(223, 68, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 68, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 71.053, 33.204 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(223, 68, 61) }
```

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

```
.border{ border-color:rgb(223, 68, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 68, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 68, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 68, 61);  
box-shadow:4px 4px 4px 4px rgb(223, 68,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 71.053, 33.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 68, 61) }
```

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

```
.background{ background-color: rgb(223, 68,  
61) }
```

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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