

Converting Colors

CIELCh(52, 72.814, 34.577)

Have a look what the booklet for
CIELCh(52, 72.814, 34.577) contains.

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Color

CIELCh(52, 72.747, 34.470)

Conversions

Conversions Part 1

Format	Color
Hex	E04339
RGB	224, 67, 57
RGB Percent	88%, 26%, 22%
CMY	0.1217, 0.7374, 0.7766
CMYK	0.00, 0.70, 0.75, 0.12
HSL	4°, 73%, 55%
HSV	4°, 75%, 88%
XYZ	33.4687, 20.1443, 5.9908
YIQ	112.8030, 96.7820, 30.1740

Conversions

Conversions Part 2

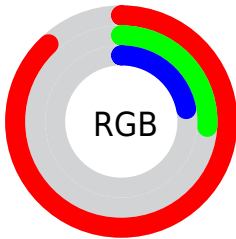
Format	Color
RYB	224, 68, 57
Decimal	14697273
CIELab	52.00, 59.97, 41.17
CIElCh	52, 72.747, 34.470
Yxy	20.1443, 0.5615, 0.3380
Android (android.graphics.Color)	4292887353 (0xFFE04339)
YUV	112.8030, -27.5109, 97.5198
Hunter-Lab	44.8824, 54.5628, 23.5038

Details

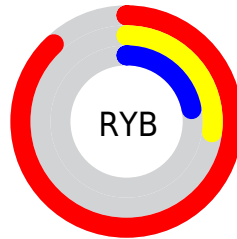
The CIELCh color **52, 72.747, 34.470** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **79, 39.476, 204.646**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 59.039, 35.056**, and **33, 70.715, 36.331** is the 20% darker color. If you saturate the color by 10%, you get **49, 82.928, 37.256**, and if you desaturate by 10%, it is **55, 61.828, 31.916**.

Distribution



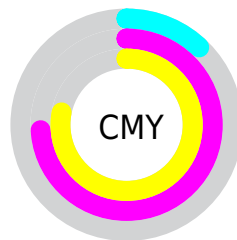
- Red (88%)
- Green (26%)
- Blue (22%)



- Red (88%)
- Yellow (27%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (75%)
- Black (12%)



- Cyan (12%)
- Magenta (74%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 72.747, 34.470 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, 72.747, 34.470 by changing the saturation by 10% instead.

■ 52, 72.747, 34.470

■ 52, 72.747, 34.470

■ 100, 72.747,
34.470

■ 42, 72.747, 34.470

■ 72, 72.747, 34.470

■ 32, 72.747, 34.470

■ 82, 72.747, 34.470

■ 22, 72.747, 34.470

■ 92, 72.747, 34.470

■ 12, 72.747, 34.470

■ 2, 72.747, 34.470

■ 0, 72.747, 34.470

■ 52, 72.747, 34.470

■ 52, 72.747, 34.470

■ 49, 82.928, 37.256

■ 55, 61.828, 31.916

■ 48, 90.928, 39.529

■ 60, 50.847, 29.820

47, 94.027, 40.508

64, 40.168, 28.189

70, 30.011, 26.953

75, 20.497, 26.027

81, 11.666, 25.329

86, 3.509, 24.715

92, 4.016, 204.682

98, 10.515,
198.805

Harmonies

Complementary

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



52, 72.747, 34.470



79, 39.476, 204.646

Rectangle

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



52, 72.747, 34.470



52, 72.747, 84.470



52, 72.747, 214.470



52, 72.747, 264.470

Sweetspot

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



52, 72.744, 34.473



86, 20.199, 25.841



56, 91.484, 329.611



44, 13.723, 26.053



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, 72.744, 34.473



55, 96.415, 38.548



68, 61.109, 70.301



44, 4.462, 25.027



37, 78.292, 40.647



6, 24.505, 23.978

Inverse Universe

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



79, 39.476, 204.646



87, 45.870, 205.662



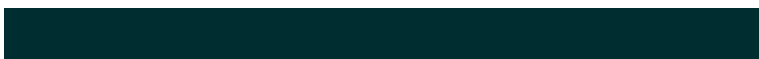
55, 54.013, 278.521



46, 4.198, 204.476



62, 35.104, 206.433



16, 14.582, 204.678

Previews

White Background



This preview shows how the CIELCh color 52, 72.747, 34.470 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, 72.747, 34.470 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, 72.747, 34.470

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.747, 34.470.



This preview shows how white text looks on a background with the CIELCh color 52, 72.747, 34.470.

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, 72.747, 34.470

Protanopia

52, 28.902, 96.521

Deuteranopia

52, 43.850, 80.999



Tritanopia
52, 70.399, 29.658

Trichromacy



Original Color
52, 72.747, 34.470

Protanomaly
50, 37.892, 54.466

Deuteranomaly
51, 49.833, 54.776

Tritanomaly
52, 71.140, 31.538

Monochromacy



Original Color
52, 72.747, 34.470

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 25.530, 26.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.747, 34.470 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(224, 67, 57)` looks like.

```
.text, #text, p{  
    color:rgb(224, 67, 57)  
}
```

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(224, 67, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 67, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.747, 34.470 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(224, 67, 57) }
```

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

```
.border{ border-color:rgb(224, 67, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 67, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 67, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 67, 57);  
box-shadow:4px 4px 4px 4px rgb(224, 67,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.747, 34.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 67, 57) }
```

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

```
.background{ background-color: rgb(224, 67,  
57) }
```

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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