

Converting Colors

CIELCh(54, 72.587, 30.475)

Have a look what the booklet for
CIELCh(54, 72.587, 30.475) contains.

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Color

CIELCh(54, 72.546, 30.345)

Conversions

Conversions Part 1

Format	Color
Hex	E94546
RGB	233, 69, 70
RGB Percent	91%, 27%, 27%
CMY	0.0869, 0.7300, 0.7260
CMYK	0.00, 0.70, 0.70, 0.09
HSL	360°, 79%, 59%
HSV	360°, 70%, 91%
XYZ	36.7720, 21.9746, 8.0782
YIQ	118.1500, 97.4230, 35.0790

Conversions

Conversions Part 2

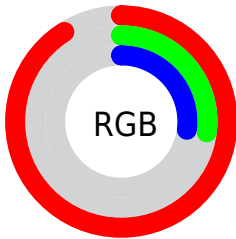
Format	Color
RYB	233, 69, 70
Decimal	15287622
CIELab	54.00, 62.61, 36.65
CIElCh	54, 72.546, 30.345
Yxy	21.9746, 0.5503, 0.3288
Android (android.graphics.Color)	4293477702 (0xFFE94546)
YUV	118.1500, -23.7380, 100.7234
Hunter-Lab	46.8770, 57.9871, 22.5967

Details

The CIELCh color **54, 72.546, 30.345** 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 **85, 42.549, 195.906**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 55.119, 29.596**, and **35, 70.517, 32.419** is the 20% darker color. If you saturate the color by 10%, you get **51, 83.034, 33.923**, and if you desaturate by 10%, it is **58, 61.373, 27.284**.

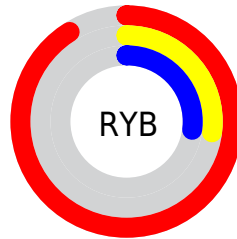
Distribution



Red (91%)

Green (27%)

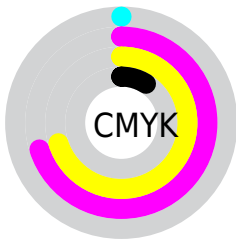
Blue (27%)



Red (91%)

Yellow (27%)

Blue (27%)

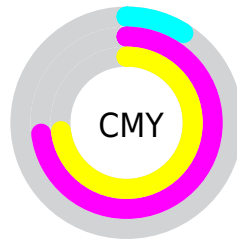


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (9%)



Cyan (9%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 72.546, 30.345 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 54, 72.546, 30.345 by changing the saturation by 10% instead.

 54, 72.546, 30.345

 54, 72.546, 30.345

 100, 72.546,
30.345

 44, 72.546, 30.345

 74, 72.546, 30.345

 34, 72.546, 30.345

 84, 72.546, 30.345

 24, 72.546, 30.345

 94, 72.546, 30.345

 14, 72.546, 30.345

 4, 72.546, 30.345

 0, 72.546, 30.345

 54, 72.546, 30.345

 54, 72.546, 30.345

 51, 83.034, 33.923

 58, 61.373, 27.284

 49, 91.860, 37.450

 62, 50.045, 24.843

49, 97.362, 39.805

68, 38.933, 22.956

73, 28.298, 21.509

79, 18.293, 20.395

86, 8.980, 19.509

92, 0.355, 17.175

98, 7.576, 198.971

98, 7.575, 199.014

Harmonies

Complementary

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



54, 72.546, 30.345



85, 42.549, 195.906

Rectangle

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



54, 72.546, 30.345



54, 72.546, 80.345



54, 72.546, 210.345



54, 72.546, 260.345

Sweetspot

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



54, 72.543, 30.348



86, 20.299, 20.462



59, 94.191, 327.253



44, 13.886, 20.748



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 72.543, 30.348



55, 93.998, 35.754



69, 59.282, 64.803



46, 4.904, 19.431



38, 80.563, 39.730



7, 28.508, 22.463

Inverse Universe

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



54, 72.543, 30.348



55, 93.998, 35.754



62, 47.377, 269.999



46, 4.904, 19.431



38, 80.563, 39.730



7, 28.508, 22.463

Previews

White Background



This preview shows how the CIELCh color 54, 72.546, 30.345 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 54, 72.546, 30.345 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 54, 72.546, 30.345

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.546, 30.345.

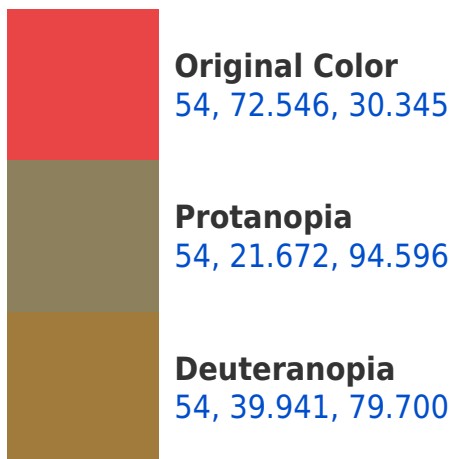


This preview shows how white text looks on a background with the CIELCh color 54, 72.546, 30.345.

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
54, 72.075, 29.547

Trichromacy



Original Color
54, 72.546, 30.345

Protanomaly
52, 34.204, 44.852

Deuteranomaly
52, 46.890, 50.516

Tritanomaly
54, 72.308, 29.948

Monochromacy



Original Color
54, 72.546, 30.345

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 26.212, 21.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.546, 30.345 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(233, 69, 70)` looks like.

```
.text, #text, p{  
    color:rgb(233, 69, 70)  
}
```

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(233, 69, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 69, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.546, 30.345 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(233, 69, 70) }
```

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

```
.border{ border-color:rgb(233, 69, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 69, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 69, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 69, 70);  
box-shadow:4px 4px 4px 4px rgb(233, 69,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.546, 30.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 69, 70) }
```

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

```
.background{ background-color: rgb(233, 69,  
70) }
```

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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