

Converting Colors

CIELCh(54, 71.113, 41.114)

Have a look what the booklet for
CIELCh(54, 71.113, 41.114) contains.

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Color

CIELCh(54, 71.063, 41.288)

Conversions

Conversions Part 1

Format	Color
Hex	DF5232
RGB	223, 82, 50
RGB Percent	87%, 32%, 20%
CMY	0.1252, 0.6781, 0.8037
CMYK	0.00, 0.63, 0.78, 0.13
HSL	11°, 73%, 54%
HSV	11°, 78%, 87%
XYZ	34.0532, 21.9746, 5.4705
YIQ	120.5110, 94.3080, 19.9400

Conversions

Conversions Part 2

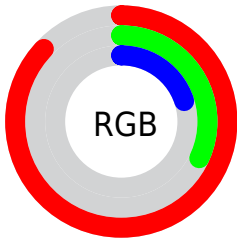
Format	Color
R _Y B	223, 89, 50
Decimal	14635570
CIE Lab	54.00, 53.40, 46.89
CIE LCh	54, 71.063, 41.288
Yxy	21.9746, 0.5537, 0.3573
Android (android.graphics.Color)	4292825650 (0xFFDF5232)
YUV	120.5110, -34.7619, 89.8829
Hunter-Lab	46.8770, 47.6341, 25.8949

Details

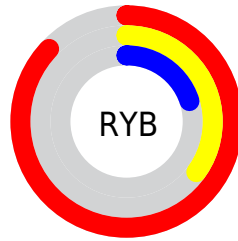
The CIELCh color **54, 71.063, 41.288** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **72, 36.971, 225.721**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.803, 44.086**, and **34, 71.070, 41.176** is the 20% darker color. If you saturate the color by 10%, you get **51, 81.121, 42.339**, and if you desaturate by 10%, it is **57, 60.307, 40.133**.

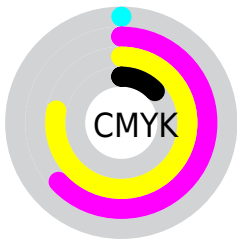
Distribution



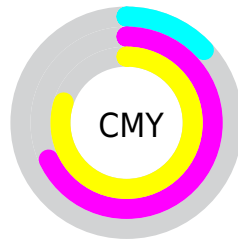
- Red (87%)
- Green (32%)
- Blue (20%)



- Red (87%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 71.063, 41.288 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, 71.063, 41.288 by changing the saturation by 10% instead.

■ 54, 71.063, 41.288

■ 54, 71.063, 41.288

■ 100, 71.063,
41.288

■ 44, 71.063, 41.288

■ 74, 71.063, 41.288

■ 34, 71.063, 41.288

■ 84, 71.063, 41.288

■ 24, 71.063, 41.288

■ 94, 71.063, 41.288

■ 14, 71.063, 41.288

■ 4, 71.063, 41.288

■ 0, 71.063, 41.288

■ 54, 71.063, 41.288

■ 54, 71.063, 41.288

■ 51, 81.121, 42.339

■ 57, 60.307, 40.133

■ 49, 88.927, 42.659

■ 61, 49.665, 39.155

49, 90.597, 42.783

66, 39.489, 38.432

70, 29.937, 37.955

75, 21.065, 37.686

80, 12.870, 37.577

85, 5.316, 37.552

90, 1.650, 218.162

95, 8.086, 218.088

Harmonies

Complementary

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



54, 71.063, 41.288



72, 36.971, 225.721

Rectangle

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



54, 71.063, 41.288



54, 71.063, 91.288



54, 71.063, 221.288



54, 71.063, 271.288

Sweetspot

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



54, 71.060, 41.291



87, 19.235, 37.622



54, 84.962, 335.258



44, 13.519, 37.673



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, 71.060, 41.291



57, 95.445, 42.645



72, 65.268, 81.601



44, 4.043, 37.559



38, 75.500, 43.141



8, 22.548, 31.242

Inverse Universe

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



72, 36.971, 225.721



78, 43.215, 230.547



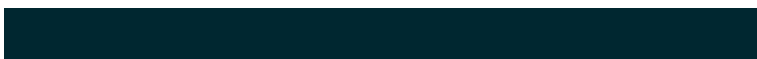
47, 69.655, 290.074



46, 3.809, 218.053



55, 33.061, 232.155



14, 13.546, 225.612

Previews

White Background



This preview shows how the CIELCh color 54, 71.063, 41.288 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, 71.063, 41.288 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, 71.063, 41.288

Background



This preview shows how black text looks on a background with the CIELCh color 54, 71.063, 41.288.



This preview shows how white text looks on a background with the CIELCh color 54, 71.063, 41.288.

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

54, 71.063, 41.288

Protanopia

54, 37.289, 96.282

Deuteranopia

54, 49.636, 82.126



Tritanopia
54, 63.802, 26.709

Trichromacy



Original Color
54, 71.063, 41.288

Protanomaly
53, 42.843, 65.107

Deuteranomaly
53, 53.641, 62.054

Tritanomaly
54, 66.248, 32.441

Monochromacy



Original Color
54, 71.063, 41.288

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 24.056, 38.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 71.063, 41.288 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, 82, 50)` looks like.

```
.text, #text, p{  
    color:rgb(223, 82, 50)  
}
```

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, 82, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 82, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 71.063, 41.288 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, 82, 50) }
```

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

```
.border{ border-color:rgb(223, 82, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 82, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 82, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 82, 50);  
box-shadow:4px 4px 4px 4px rgb(223, 82,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 71.063, 41.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 82, 50) }
```

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

```
.background{ background-color: rgb(223, 82,  
50) }
```

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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