

Converting Colors

CIELCh(53, 75.828, 39.824)

Have a look what the booklet for
CIELCh(53, 75.828, 39.824) contains.

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Color

CIELCh(53, 75.869, 39.772)

Conversions

Conversions Part 1

Format	Color
Hex	E2482D
RGB	226, 72, 45
RGB Percent	89%, 28%, 18%
CMY	0.1130, 0.7169, 0.8230
CMYK	0.00, 0.68, 0.80, 0.11
HSL	9°, 76%, 53%
HSV	9°, 80%, 89%
XYZ	34.2276, 21.0462, 4.7548
YIQ	114.9680, 100.4510, 24.2510

Conversions

Conversions Part 2

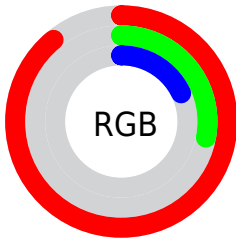
Format	Color
R _Y B	226, 77, 45
Decimal	14829613
CIE Lab	53.00, 58.31, 48.54
CIE LCh	53, 75.869, 39.772
Yxy	21.0462, 0.5702, 0.3506
Android (android.graphics.Color)	4293019693 (0xFFE2482D)
YUV	114.9680, -34.4942, 97.3751
Hunter-Lab	45.8761, 52.8935, 25.9682

Details

The CIELCh color **53, 75.869, 39.772** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **74, 38.160, 219.873**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 61.410, 42.048**, and **33, 74.214, 39.752** is the 20% darker color. If you saturate the color by 10%, you get **50, 85.611, 41.182**, and if you desaturate by 10%, it is **56, 65.005, 38.167**.

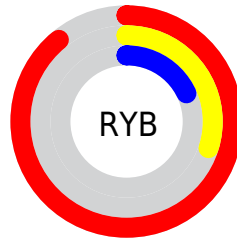
Distribution



Red (89%)

Green (28%)

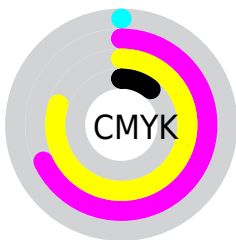
Blue (18%)



Red (89%)

Yellow (30%)

Blue (18%)

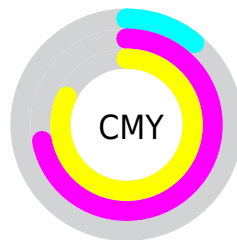


Cyan (0%)

Magenta (68%)

Yellow (80%)

Black (11%)



Cyan (11%)

Magenta (72%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 75.869, 39.772 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 53, 75.869, 39.772 by changing the saturation by 10% instead.

■ 53, 75.869, 39.772

■ 53, 75.869, 39.772

■ 100, 75.869,
39.772

■ 43, 75.869, 39.772

■ 73, 75.869, 39.772

■ 33, 75.869, 39.772

■ 83, 75.869, 39.772

■ 23, 75.869, 39.772

■ 93, 75.869, 39.772

■ 13, 75.869, 39.772

■ 3, 75.869, 39.772

■ 0, 75.869, 39.772

■ 53, 75.869, 39.772

■ 53, 75.869, 39.772

■ 50, 85.611, 41.182

■ 56, 65.005, 38.167

■ 49, 92.732, 41.895

■ 60, 54.041, 36.757

64, 43.434, 35.655

69, 33.403, 34.854

74, 24.044, 34.308

79, 15.380, 33.962

85, 7.390, 33.749

90, 0.032, 14.174

95, 6.761, 213.914

Harmonies

Complementary

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



53, 75.869, 39.772



74, 38.160, 219.873

Rectangle

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



53, 75.869, 39.772



53, 75.869, 89.772



53, 75.869, 219.772



53, 75.869, 269.772

Sweetspot

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



53, 75.866, 39.774



86, 20.651, 34.084



54, 90.195, 333.174



44, 14.403, 34.213



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 75.866, 39.774



55, 99.073, 41.592



70, 66.585, 76.785



44, 4.141, 33.737



38, 76.505, 42.212



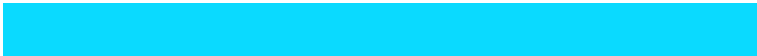
7, 23.073, 29.038

Inverse Universe

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



74, 38.160, 219.873



81, 43.420, 223.990



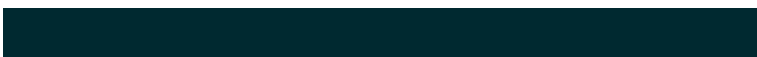
49, 67.329, 287.586



46, 3.897, 213.914



57, 33.004, 224.407



15, 13.669, 219.253

Previews

White Background



This preview shows how the CIELCh color 53, 75.869, 39.772 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 53, 75.869, 39.772 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 53, 75.869, 39.772

Background



This preview shows how black text looks on a background with the CIELCh color 53, 75.869, 39.772.



This preview shows how white text looks on a background with the CIELCh color 53, 75.869, 39.772.

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

53, 75.869, 39.772

Protanopia

53, 37.475, 95.455

Deuteranopia

53, 51.879, 82.602



Tritanopia
53, 69.704, 29.200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 75.869, 39.772 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(226, 72, 45)` looks like.

```
.text, #text, p{  
    color:rgb(226, 72, 45)  
}
```

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(226, 72, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 72, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 75.869, 39.772 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(226, 72, 45) }
```

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

```
.border{ border-color:rgb(226, 72, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 72, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 72, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 72, 45);  
box-shadow:4px 4px 4px 4px rgb(226, 72,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 75.869, 39.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 72, 45) }
```

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

```
.background{ background-color: rgb(226, 72,  
45) }
```

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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