

Converting Colors

CIELCh(53, 75.952, 31.073)

Have a look what the booklet for
CIELCh(53, 75.952, 31.073) contains.

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Color

CIELCh(53, 76.024, 31.179)

Conversions

Conversions Part 1

Format	Color
Hex	E93D3F
RGB	233, 61, 63
RGB Percent	91%, 24%, 25%
CMY	0.0859, 0.7604, 0.7527
CMYK	0.00, 0.74, 0.73, 0.09
HSL	359°, 80%, 58%
HSV	359°, 74%, 91%
XYZ	36.2073, 21.0462, 6.8663
YIQ	112.6560, 101.8700, 37.0860

Conversions

Conversions Part 2

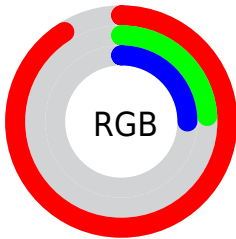
Format	Color
R _Y B	233, 61, 63
Decimal	15285567
CIE Lab	53.00, 65.04, 39.36
CIE LCh	53, 76.024, 31.179
Yxy	21.0462, 0.5647, 0.3282
Android (android.graphics.Color)	4293475647 (0xFFE93D3F)
YUV	112.6560, -24.4804, 105.5417
Hunter-Lab	45.8761, 60.5962, 23.2393

Details

The CIELCh color **53, 76.024, 31.179** 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 **85, 43.628, 195.199**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 58.480, 30.865**, and **35, 72.057, 34.865** is the 20% darker color. If you saturate the color by 10%, you get **51, 86.069, 34.883**, and if you desaturate by 10%, it is **57, 65.062, 27.896**.

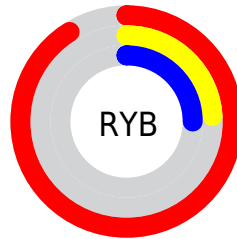
Distribution



Red (91%)

Green (24%)

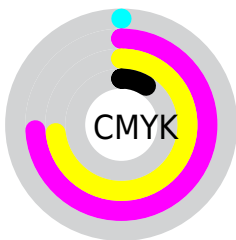
Blue (25%)



Red (91%)

Yellow (24%)

Blue (25%)

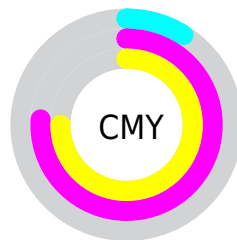


Cyan (0%)

Magenta (74%)

Yellow (73%)

Black (9%)



Cyan (9%)

Magenta (76%)

Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 76.024, 31.179 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, 76.024, 31.179 by changing the saturation by 10% instead.

 53, 76.024, 31.179

 53, 76.024, 31.179

 100, 76.024,
31.179

 43, 76.024, 31.179

 73, 76.024, 31.179

 33, 76.024, 31.179

 83, 76.024, 31.179

 23, 76.024, 31.179

 93, 76.024, 31.179

 13, 76.024, 31.179

 3, 76.024, 31.179

 0, 76.024, 31.179

 53, 76.024, 31.179

 53, 76.024, 31.179

 51, 86.069, 34.883

 57, 65.062, 27.896

 49, 93.975, 38.236

 61, 53.786, 25.233

49, 97.230, 39.647

66, 42.599, 23.159

72, 31.802, 21.566

77, 21.584, 20.338

84, 12.038, 19.376

90, 3.180, 18.501

96, 5.018, 198.241

98, 7.490, 199.020

Harmonies

Complementary

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



53, 76.024, 31.179



85, 43.628, 195.199

Rectangle

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



53, 76.024, 31.179



53, 76.024, 81.179



53, 76.024, 211.179



53, 76.024, 261.179

Sweetspot

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



53, 76.021, 31.181



85, 21.337, 20.161



58, 97.017, 327.332



43, 14.485, 20.453



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, 76.021, 31.181



54, 97.322, 36.901



68, 62.366, 64.315



46, 4.904, 19.014



38, 80.329, 39.517



7, 28.485, 22.254

Inverse Universe

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



53, 76.021, 31.181



54, 97.322, 36.901



61, 49.514, 271.340



46, 4.904, 19.014



38, 80.329, 39.517



7, 28.485, 22.254

Previews

White Background



This preview shows how the CIELCh color 53, 76.024, 31.179 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, 76.024, 31.179 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, 76.024, 31.179

Background



This preview shows how black text looks on a background with the CIELCh color 53, 76.024, 31.179.



This preview shows how white text looks on a background with the CIELCh color 53, 76.024, 31.179.

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, 76.024, 31.179

Protanopia

53, 24.479, 95.537

Deuteranopia

53, 42.830, 80.829



Tritanopia
53, 76.024, 31.179

Trichromacy



Original Color
53, 76.024, 31.179

Protanomaly
51, 36.787, 46.277

Deuteranomaly
51, 49.989, 51.558

Tritanomaly
53, 76.024, 31.179

Monochromacy



Original Color
53, 76.024, 31.179

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 27.853, 22.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 76.024, 31.179 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, 61, 63)` looks like.

```
.text, #text, p{  
    color:rgb(233, 61, 63)  
}
```

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, 61, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 61, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 76.024, 31.179 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, 61, 63) }
```

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

```
.border{ border-color:rgb(233, 61, 63) }
```

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

Here you see how a box with a 4 pixel rgb(233, 61, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 61, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 61, 63);  
box-shadow:4px 4px 4px 4px rgb(233, 61,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 76.024, 31.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 61, 63) }
```

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

```
.background{ background-color: rgb(233, 61,  
63) }
```

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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