

Converting Colors

CIELCh(51, 86.395, 27.047)

Have a look what the booklet for
CIELCh(51, 86.395, 27.047) contains.

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Color

CIELCh(51, 86.372, 27.064)

Conversions

Conversions Part 1

Format	Color
Hex	F10C3C
RGB	241, 12, 60
RGB Percent	95%, 5%, 24%
CMY	0.0552, 0.9538, 0.7649
CMYK	0.00, 0.95, 0.75, 0.06
HSL	347°, 91%, 50%
HSV	347°, 95%, 94%
XYZ	37.1903, 19.2686, 6.0265
YIQ	85.9430, 121.0760, 63.4760

Conversions

Conversions Part 2

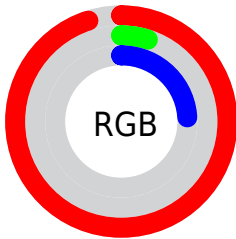
Format	Color
R_{YB}	241, 12, 60
Decimal	15797308
CIE Lab	51.00, 76.91, 39.30
CIE LCh	51, 86.372, 27.064
Yxy	19.2686, 0.5952, 0.3084
Android (android.graphics.Color)	4293987388 (0xFFFF10C3C)
YUV	85.9430, -12.7899, 135.9850
Hunter-Lab	43.8960, 74.4134, 22.5873

Details

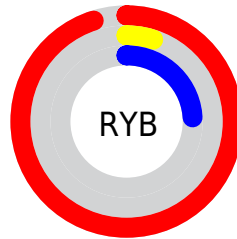
The CIELCh color **51, 86.372, 27.064** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **85, 59.526, 170.416**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 66.358, 23.805**, and **36, 74.487, 35.513** is the 20% darker color. If you saturate the color by 10%, you get **51, 89.196, 29.679**, and if you desaturate by 10%, it is **52, 80.148, 21.794**.

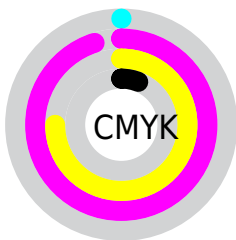
Distribution



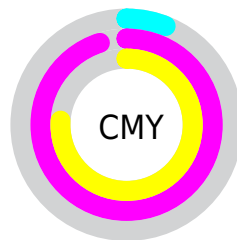
- Red (95%)
- Green (5%)
- Blue (24%)



- Red (95%)
- Yellow (5%)
- Blue (24%)



- Cyan (0%)
- Magenta (95%)
- Yellow (75%)
- Black (6%)



- Cyan (6%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 86.372, 27.064 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 51, 86.372, 27.064 by changing the saturation by 10% instead.

■ 51, 86.372, 27.064

■ 51, 86.372, 27.064

■ 100, 86.372,
27.064

■ 41, 86.372, 27.064

■ 71, 86.372, 27.064

■ 31, 86.372, 27.064

■ 81, 86.372, 27.064

■ 21, 86.372, 27.064

■ 91, 86.372, 27.064

■ 11, 86.372, 27.064

■ 1, 86.372, 27.064

■ 0, 86.372, 27.064

■ 51, 86.372, 27.064

■ 51, 86.372, 27.064

■ 51, 89.196, 29.679

■ 52, 80.148, 21.794

■ 55, 72.743, 17.279

■ 58, 64.118, 13.630

■ 63, 54.526, 10.747

■ 68, 44.371, 8.471

■ 73, 34.051, 6.654

■ 79, 23.870, 5.173

■ 85, 14.025, 3.936

■ 92, 4.621, 2.822

Harmonies

Complementary

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



51, 86.372, 27.064



85, 59.526, 170.416

Rectangle

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



51, 86.372, 27.064



51, 86.372, 77.064



51, 86.372, 207.064



51, 86.372, 257.064

Sweetspot

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



51, 86.368, 27.066



81, 29.118, 5.729



49, 111.910, 320.266



40, 20.147, 6.375



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 86.368, 27.066



54, 93.266, 29.861



56, 88.533, 46.680



47, 5.179, 3.310



38, 72.117, 28.651



8, 28.974, 15.097

Inverse Universe

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



51, 86.368, 27.066



54, 93.266, 29.861



68, 44.958, 251.428



47, 5.179, 3.310



38, 72.117, 28.651



8, 28.974, 15.097

Previews

White Background



This preview shows how the CIELCh color 51, 86.372, 27.064 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 51, 86.372, 27.064 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 51, 86.372, 27.064

Background



This preview shows how black text looks on a background with the CIELCh color 51, 86.372, 27.064.



This preview shows how white text looks on a background with the CIELCh color 51, 86.372, 27.064.

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

51, 86.372, 27.064

Protanopia

51, 18.996, 94.312

Deuteranopia

51, 43.477, 80.697



Tritanopia
51, 94.887, 38.735

Trichromacy



Original Color
51, 86.372, 27.064

Protanomaly
46, 41.313, 27.793

Deuteranomaly
47, 55.680, 41.650

Tritanomaly
51, 91.911, 35.238

Monochromacy



Original Color
51, 86.372, 27.064

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 37.603, 10.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 86.372, 27.064 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(241, 12, 60)` looks like.

```
.text, #text, p{  
    color:rgb(241, 12, 60)  
}
```

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(241, 12, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 12, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 86.372, 27.064 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(241, 12, 60) }
```

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

```
.border{ border-color:rgb(241, 12, 60) }
```

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

Here you see how a box with a 4 pixel rgb(241, 12, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 12, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 12, 60);  
box-shadow:4px 4px 4px 4px rgb(241, 12,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 86.372, 27.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 12, 60) }
```

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

```
.background{ background-color: rgb(241, 12,  
60) }
```

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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