

Converting Colors

CIELCh(51, 95.653, 36.079)

Have a look what the booklet for
CIELCh(51, 95.653, 36.079) contains.

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Color

CIELCh(51, 95.418, 35.983)

Conversions

Conversions Part 1

Format	Color
Hex	F3051C
RGB	243, 5, 28
RGB Percent	95%, 2%, 11%
CMY	0.0464, 0.9818, 0.8897
CMYK	0.00, 0.98, 0.88, 0.05
HSL	354°, 96%, 49%
HSV	354°, 98%, 95%
XYZ	37.2810, 19.2686, 2.8604
YIQ	78.7840, 134.4650, 57.6090

Conversions

Conversions Part 2

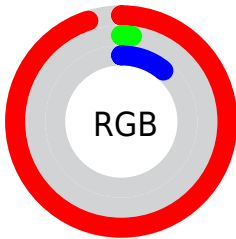
Format	Color
RYB	243, 5, 28
Decimal	15926556
CIELab	51.00, 77.21, 56.06
CIELCh	51, 95.418, 35.983
Yxy	19.2686, 0.6275, 0.3243
Android (android.graphics.Color)	4294116636 (0xFFFF3051C)
YUV	78.7840, -25.0365, 144.0174
Hunter-Lab	43.8960, 74.7825, 26.8637

Details

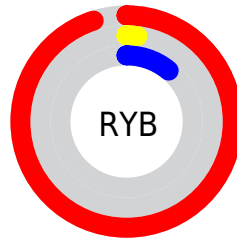
The CIELCh color **51, 95.418, 35.983** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **87, 52.887, 182.485**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 73.700, 35.800**, and **36, 79.131, 39.953** is the 20% darker color. If you saturate the color by 10%, you get **51, 96.617, 36.678**, and if you desaturate by 10%, it is **52, 88.148, 31.548**.

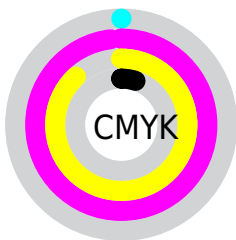
Distribution



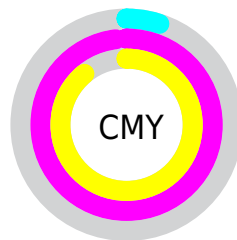
- Red (95%)
- Green (2%)
- Blue (11%)



- Red (95%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (98%)
- Yellow (88%)
- Black (5%)



- Cyan (5%)
- Magenta (98%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 95.418, 35.983 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, 95.418, 35.983 by changing the saturation by 10% instead.

 51, 95.418, 35.983

 51, 95.418, 35.983

 100, 95.418,
35.983

 41, 95.418, 35.983

 71, 95.418, 35.983

 31, 95.418, 35.983

 81, 95.418, 35.983

 21, 95.418, 35.983

 91, 95.418, 35.983

 11, 95.418, 35.983

 1, 95.418, 35.983

 0, 95.418, 35.983

 51, 95.418, 35.983

 51, 95.418, 35.983

 51, 96.617, 36.678

 52, 88.148, 31.548

 54, 79.334, 27.075

■ 57, 69.478, 23.198

■ 62, 58.923, 20.060

■ 66, 48.042, 17.590

■ 72, 37.199, 15.656

■ 78, 26.676, 14.128

■ 84, 16.649, 12.900

■ 91, 7.203, 11.866

Harmonies

Complementary

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



51, 95.418, 35.983



87, 52.887, 182.485

Rectangle

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



51, 95.418, 35.983



51, 95.418, 85.983



51, 95.418, 215.983



51, 95.418, 265.983

Sweetspot

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



51, 95.414, 35.985



81, 28.709, 14.264



54, 111.867, 324.341



40, 19.943, 14.889



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, 95.414, 35.985



53, 100.287, 36.785



60, 85.639, 52.875



48, 5.113, 12.006



39, 78.379, 35.950



8, 30.446, 21.028

Inverse Universe

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



51, 95.414, 35.985



53, 100.287, 36.785



60, 56.695, 272.346



48, 5.113, 12.006



39, 78.379, 35.950



8, 30.446, 21.028

Previews

White Background



This preview shows how the CIELCh color 51, 95.418, 35.983 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, 95.418, 35.983 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, 95.418, 35.983

Background



This preview shows how black text looks on a background with the CIELCh color 51, 95.418, 35.983.



This preview shows how white text looks on a background with the CIELCh color 51, 95.418, 35.983.

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, 95.370, 36.017

Protanopia

52, 41.020, 95.602

Tritanopia

51, 99.196, 40.821

Trichromacy



Original Color
51, 95.370, 36.017

Protanomaly
46, 54.397, 47.531

Tritanomaly
51, 98.062, 39.362

Monochromacy



Original Color
51, 95.370, 36.017

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 40.423, 21.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 95.418, 35.983 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(243, 5, 28)` looks like.

```
.text, #text, p{  
    color:rgb(243, 5, 28)  
}
```

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(243, 5, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 5, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 95.418, 35.983 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(243, 5, 28) }
```

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

```
.border{ border-color:rgb(243, 5, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 5, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 5, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 5, 28);  
box-shadow:4px 4px 4px 4px rgb(243, 5, 28)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 51, 95.418, 35.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 5, 28) }
```

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

```
.background{ background-color: rgb(243, 5,  
28) }
```

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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