

Converting Colors

CIELCh(54, 103.056, 40.913)

Have a look what the booklet for
CIELCh(54, 103.056, 40.913)
contains.

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Color

CIELCh(54, 103.015, 40.939)

Conversions

Conversions Part 1

Format	Color
Hex	FF1A00
RGB	255, 26, 0
RGB Percent	100%, 10%, 0%
CMY	0.0003, 0.8985, 1.0000
CMYK	0.00, 0.90, 1.00, 0.00
HSL	6°, 100%, 50%
HSV	6°, 100%, 100%
XYZ	41.5728, 21.9746, 2.0480
YIQ	91.5070, 144.8300, 40.4620

Conversions

Conversions Part 2

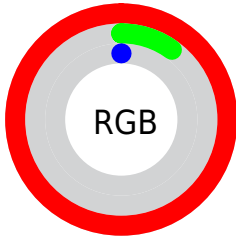
Format	Color
RYB	255, 29, 0
Decimal	16718336
CIELab	54.00, 77.82, 67.50
CIELCh	54, 103.015, 40.939
Yxy	21.9746, 0.6338, 0.3350
Android (android.graphics.Color)	4294908416 (0xFFFF1A00)
YUV	91.5070, -45.1130, 143.3834
Hunter-Lab	46.8770, 76.2676, 30.2236

Details

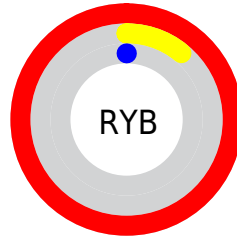
The CIELCh color **54, 103.015, 40.939** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **84, 44.507, 214.898**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 76.577, 43.346**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **54, 102.998, 40.932**, and if you desaturate by 10%, it is **56, 95.972, 39.782**.

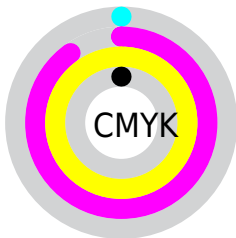
Distribution



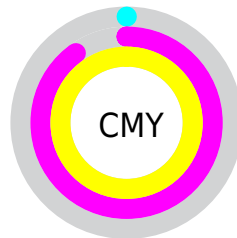
- Red (100%)
- Green (10%)
- Blue (0%)



- Red (100%)
- Yellow (11%)
- Blue (0%)



- Cyan (0%)
- Magenta (90%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (90%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 103.015, 40.939 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, 103.015, 40.939 by changing the saturation by 10% instead.


 54, 103.015,
40.939


 54, 103.015,
40.939


 100, 103.015,
40.939


 44, 103.015,
40.939


 74, 103.015,
40.939

 34, 103.015,
40.939

 84, 103.015,
40.939

 24, 103.015,
40.939

 94, 103.015,
40.939

 14, 103.015,
40.939

 4, 103.015, 40.939

 0, 103.015, 40.939

■ 54, 103.015,
40.939

■ 54, 103.015,
40.939

■ 54, 102.998,
40.932

■ 56, 95.972, 39.782

■ 58, 85.545, 37.735

■ 62, 73.635, 35.508

■ 66, 61.437, 33.564

■ 71, 49.505, 32.019

■ 76, 38.129, 30.852

■ 82, 27.462, 29.998

■ 88, 17.560, 29.388

■ 94, 8.420, 28.941

Harmonies

Complementary

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



54, 103.015, 40.939



84, 44.507, 214.898

Rectangle

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



54, 103.015, 40.939



54, 103.015, 90.939



54, 103.015, 220.939



54, 103.015, 270.939

Sweetspot

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



54, 102.998, 40.932



82, 27.469, 29.998



59, 106.655, 332.759



41, 19.068, 30.324



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, 102.998, 40.932



54, 103.026, 40.932



72, 82.893, 68.663



50, 4.778, 28.921



41, 82.679, 41.168



11, 31.463, 32.149

Inverse Universe

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



84, 44.507, 214.898



84, 44.518, 214.899



48, 89.225, 293.234



52, 4.490, 208.685



64, 35.903, 214.541



21, 16.680, 212.104

Previews

White Background



This preview shows how the CIELCh color 54, 103.015, 40.939 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, 103.015, 40.939 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, 103.015, 40.939

Background



This preview shows how black text looks on a background with the CIELCh color 54, 103.015, 40.939.



This preview shows how white text looks on a background with the CIELCh color 54, 103.015, 40.939.

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, 103.015, 40.939

Protanopia

54, 51.689, 95.314

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 101.026, 39.417

Trichromacy



Original Color
54, 103.015, 40.939

Protanomaly
50, 63.379, 57.710

Deuteranomaly
51, 72.011, 56.236

Tritanomaly
54, 101.773, 39.957

Monochromacy



Original Color
54, 103.015, 40.939

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 41.250, 33.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 103.015, 40.939 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(255, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 0)  
}
```

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(255, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 103.015, 40.939 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(255, 26, 0) }
```

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

```
.border{ border-color:rgb(255, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 103.015, 40.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 0) }
```

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

```
.background{ background-color: rgb(255, 26,  
0) }
```

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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