

Converting Colors

CIELCh(54, 89.721, 28.946)

Have a look what the booklet for
CIELCh(54, 89.721, 28.946) contains.

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Color

CIELCh(54, 89.539, 28.831)

Conversions

Conversions Part 1

Format	Color
Hex	FD1A3C
RGB	253, 26, 60
RGB Percent	99%, 10%, 24%
CMY	0.0069, 0.8998, 0.7640
CMYK	0.00, 0.90, 0.76, 0.01
HSL	351°, 98%, 55%
HSV	351°, 90%, 99%
XYZ	41.7775, 21.9746, 6.3382
YIQ	97.7490, 124.3780, 58.6980

Conversions

Conversions Part 2

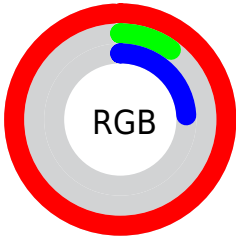
Format	Color
RYB	253, 26, 60
Decimal	16587324
CIELab	54.00, 78.44, 43.18
CIElCh	54, 89.539, 28.831
Yxy	21.9746, 0.5961, 0.3135
Android (android.graphics.Color)	4294777404 (0xFFFD1A3C)
YUV	97.7490, -18.6103, 136.1551
Hunter-Lab	46.8770, 77.0472, 24.7973

Details

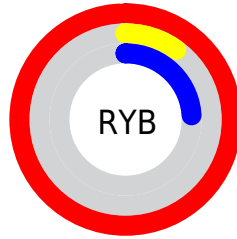
The CIELCh color **54, 89.539, 28.831** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **90, 56.637, 177.258**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 64.082, 25.628**, and **39, 79.005, 36.335** is the 20% darker color. If you saturate the color by 10%, you get **53, 96.415, 33.811**, and if you desaturate by 10%, it is **56, 81.487, 23.998**.

Distribution



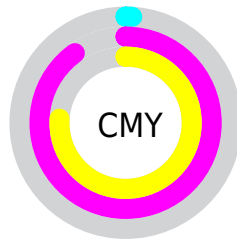
- Red (99%)
- Green (10%)
- Blue (24%)



- Red (99%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (76%)
- Black (1%)



- Cyan (1%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 89.539, 28.831 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, 89.539, 28.831 by changing the saturation by 10% instead.

■ 54, 89.539, 28.831

■ 54, 89.539, 28.831

■ 100, 89.539,
28.831

■ 44, 89.539, 28.831

■ 74, 89.539, 28.831

■ 34, 89.539, 28.831

■ 84, 89.539, 28.831

■ 24, 89.539, 28.831

■ 94, 89.539, 28.831

■ 14, 89.539, 28.831

■ 4, 89.539, 28.831

■ 0, 89.539, 28.831

■ 54, 89.539, 28.831

■ 54, 89.539, 28.831

■ 53, 96.415, 33.811

■ 56, 81.487, 23.998

■ 53, 96.471, 33.849

■ 59, 72.287, 19.882

63, 62.131, 16.568

68, 51.377, 13.958

74, 40.430, 11.902

80, 29.630, 10.264

86, 19.207, 8.933

93, 9.289, 7.812

99, 0.074, 195.483

Harmonies

Complementary

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



54, 89.539, 28.831



90, 56.637, 177.258

Rectangle

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



54, 89.539, 28.831



54, 89.539, 78.831



54, 89.539, 208.831



54, 89.539, 258.831

Sweetspot

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



54, 89.535, 28.833



82, 26.694, 9.850



54, 113.860, 322.191



41, 18.144, 10.339



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, 89.535, 28.833



53, 96.996, 33.868



62, 85.637, 50.138



50, 5.349, 7.768



40, 77.371, 32.944



10, 32.267, 20.930

Inverse Universe

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



54, 89.535, 28.833



53, 96.996, 33.868



69, 48.730, 257.971



50, 5.349, 7.768



40, 77.371, 32.944



10, 32.267, 20.930

Previews

White Background



This preview shows how the CIELCh color 54, 89.539, 28.831 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, 89.539, 28.831 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, 89.539, 28.831

Background



This preview shows how black text looks on a background with the CIELCh color 54, 89.539, 28.831.



This preview shows how white text looks on a background with the CIELCh color 54, 89.539, 28.831.

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, 89.446, 28.900

Protanopia

54, 23.195, 96.338

Deuteranopia

54, 47.174, 81.347



Tritanopia
54, 96.525, 37.557

Trichromacy



Original Color
54, 89.446, 28.900

Protanomaly
50, 42.260, 34.605

Deuteranomaly
50, 57.836, 45.571

Tritanomaly
54, 94.107, 34.879

Monochromacy



Original Color
54, 89.446, 28.900

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 36.656, 14.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 89.539, 28.831 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(253, 26, 60)` looks like.

```
.text, #text, p{  
    color:rgb(253, 26, 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(253, 26, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 26, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 89.539, 28.831 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(253, 26, 60) }
```

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

```
.border{ border-color:rgb(253, 26, 60) }
```

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

Here you see how a box with a 4 pixel rgb(253, 26, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 26, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 26, 60);  
box-shadow:4px 4px 4px 4px rgb(253, 26,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 89.539, 28.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 26, 60) }
```

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

```
.background{ background-color: rgb(253, 26,  
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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