

Converting Colors

CIELCh(54, 89.680, 28.539)

Have a look what the booklet for
CIELCh(54, 89.680, 28.539) contains.

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Color

CIELCh(54, 89.739, 28.525)

Conversions

Conversions Part 1

Format	Color
Hex	FE173D
RGB	254, 23, 61
RGB Percent	100%, 9%, 24%
CMY	0.0051, 0.9083, 0.7616
CMYK	0.00, 0.91, 0.76, 0.01
HSL	350°, 99%, 54%
HSV	350°, 91%, 99%
XYZ	41.9113, 21.9746, 6.4181
YIQ	96.4010, 125.4780, 60.7900

Conversions

Conversions Part 2

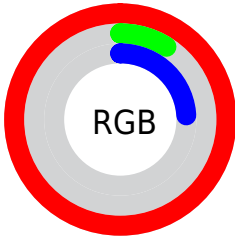
Format	Color
RYB	254, 23, 61
Decimal	16652093
CIELab	54.00, 78.85, 42.85
CIElCh	54, 89.739, 28.525
Yxy	21.9746, 0.5961, 0.3126
Android (android.graphics.Color)	4294842173 (0xFFFE173D)
YUV	96.4010, -17.4527, 138.2143
Hunter-Lab	46.8770, 77.5564, 24.6964

Details

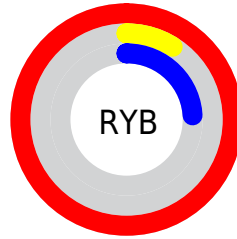
The CIELCh color **54, 89.739, 28.525** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **90, 57.571, 176.010**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.217, 24.821**, and **39, 78.862, 35.846** is the 20% darker color. If you saturate the color by 10%, you get **53, 95.940, 33.200**, and if you desaturate by 10%, it is **56, 81.949, 23.607**.

Distribution



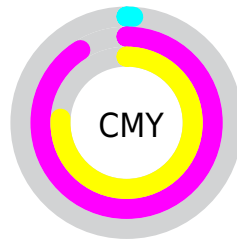
- Red (100%)
- Green (9%)
- Blue (24%)



- Red (100%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (91%)
- Yellow (76%)
- Black (1%)



- Cyan (1%)
- Magenta (91%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 89.739, 28.525 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, 89.739, 28.525 by changing the saturation by 10% instead.

 54, 89.739, 28.525

 54, 89.739, 28.525

 100, 89.739,
28.525

 44, 89.739, 28.525

 74, 89.739, 28.525

 34, 89.739, 28.525

 84, 89.739, 28.525

 24, 89.739, 28.525

 94, 89.739, 28.525

 14, 89.739, 28.525

 4, 89.739, 28.525

 0, 89.739, 28.525

 54, 89.739, 28.525

 54, 89.739, 28.525

 53, 95.940, 33.200

 56, 81.949, 23.607

 59, 72.988, 19.414

63, 63.009, 16.036

68, 52.359, 13.374

73, 41.449, 11.276

79, 30.634, 9.604

86, 20.161, 8.244

92, 10.169, 7.101

99, 0.720, 5.363

Harmonies

Complementary

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



54, 89.739, 28.525



90, 57.571, 176.010

Rectangle

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



54, 89.739, 28.525



54, 89.739, 78.525



54, 89.739, 208.525



54, 89.739, 258.525

Sweetspot

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



54, 89.735, 28.527



82, 26.735, 9.059



54, 114.355, 322.162



41, 18.166, 9.550



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, 89.735, 28.527



53, 96.329, 33.214



62, 86.500, 50.021



50, 5.365, 6.965



40, 76.841, 32.265



10, 32.207, 20.491

Inverse Universe

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



54, 89.735, 28.527



53, 96.329, 33.214



69, 49.092, 258.410



50, 5.365, 6.965



40, 76.841, 32.265



10, 32.207, 20.491

Previews

White Background



This preview shows how the CIELCh color 54, 89.739, 28.525 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, 89.739, 28.525 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, 89.739, 28.525

Background



This preview shows how black text looks on a background with the CIELCh color 54, 89.739, 28.525.



This preview shows how white text looks on a background with the CIELCh color 54, 89.739, 28.525.

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, 89.826, 28.461

Protanopia

54, 22.645, 96.161

Deuteranopia

54, 46.747, 81.201



Tritanopia
54, 97.095, 37.862

Trichromacy



Original Color
54, 89.826, 28.461

Protanomaly
49, 42.299, 33.205

Deuteranomaly
50, 58.036, 45.078

Tritanomaly
54, 94.461, 35.047

Monochromacy



Original Color
54, 89.826, 28.461

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 37.529, 13.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 89.739, 28.525 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(254, 23, 61)` looks like.

```
.text, #text, p{  
    color:rgb(254, 23, 61)  
}
```

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(254, 23, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 23, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 89.739, 28.525 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(254, 23, 61) }
```

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

```
.border{ border-color:rgb(254, 23, 61) }
```

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

Here you see how a box with a 4 pixel rgb(254, 23, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 23, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 23, 61);  
box-shadow:4px 4px 4px 4px rgb(254, 23,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 89.739, 28.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 23, 61) }
```

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

```
.background{ background-color: rgb(254, 23,  
61) }
```

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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