

Converting Colors

CIELCh(56, 84.376, 29.853)

Have a look what the booklet for
CIELCh(56, 84.376, 29.853) contains.

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Color

CIELCh(56, 84.378, 29.854)

Conversions

Conversions Part 1

Format	Color
Hex	FD3542
RGB	253, 53, 66
RGB Percent	99%, 21%, 26%
CMY	0.0067, 0.7907, 0.7403
CMYK	0.00, 0.79, 0.74, 0.01
HSL	356°, 98%, 60%
HSV	356°, 79%, 99%
XYZ	42.8955, 23.9124, 7.5415
YIQ	114.2820, 115.0270, 46.4430

Conversions

Conversions Part 2

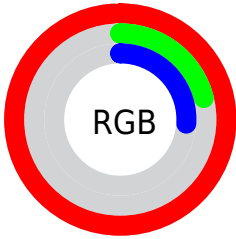
Format	Color
RYB	253, 53, 66
Decimal	16594242
CIELab	56.00, 73.18, 42.00
CIELCh	56, 84.378, 29.854
Yxy	23.9124, 0.5769, 0.3216
Android (android.graphics.Color)	4294784322 (0xFFFD3542)
YUV	114.2820, -23.8030, 121.6557
Hunter-Lab	48.9003, 71.0050, 25.0864

Details

The CIELCh color **56, 84.378, 29.854** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 49.620, 188.545**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.767, 28.095**, and **39, 78.093, 34.993** is the 20% darker color. If you saturate the color by 10%, you get **54, 93.758, 34.113**, and if you desaturate by 10%, it is **59, 73.787, 26.008**.

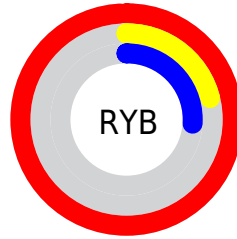
Distribution



Red (99%)

Green (21%)

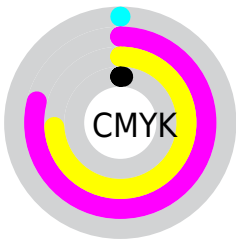
Blue (26%)



Red (99%)

Yellow (21%)

Blue (26%)

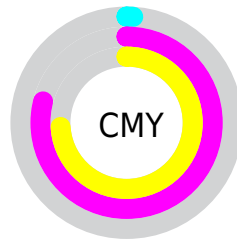


Cyan (0%)

Magenta (79%)

Yellow (74%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 84.378, 29.854 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 56, 84.378, 29.854 by changing the saturation by 10% instead.

 56, 84.378, 29.854

 56, 84.378, 29.854

 100, 84.378,
29.854

 46, 84.378, 29.854

 76, 84.378, 29.854

 36, 84.378, 29.854

 86, 84.378, 29.854

 26, 84.378, 29.854

 96, 84.378, 29.854

 16, 84.378, 29.854

 6, 84.378, 29.854


 0, 84.378, 29.854

 56, 84.378, 29.854

 56, 84.378, 29.854

 54, 93.758, 34.113

 59, 73.787, 26.008

 53, 100.916,

 63, 62.513, 22.844

37.876

68, 50.970, 20.349

53, 101.515,
38.162

74, 39.535, 18.406

80, 28.495, 16.888

87, 18.027, 15.686

93, 8.210, 14.694

100, 0.591,
200.489

Harmonies

Complementary

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



56, 84.378, 29.854



91, 49.620, 188.545

Rectangle

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



56, 84.378, 29.854



56, 84.378, 79.854



56, 84.378, 209.854



56, 84.378, 259.854

Sweetspot

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



56, 84.375, 29.856



84, 23.380, 16.263



60, 107.337, 325.739



42, 16.254, 16.708



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



56, 84.375, 29.856



54, 98.972, 36.574



69, 72.232, 59.103



50, 5.264, 14.748



40, 81.565, 37.571



10, 32.857, 24.588

Inverse Universe

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



56, 84.375, 29.856



54, 98.972, 36.574



66, 51.855, 267.597



50, 5.264, 14.748



40, 81.565, 37.571



10, 32.857, 24.588

Previews

White Background



This preview shows how the CIELCh color 56, 84.378, 29.854 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 56, 84.378, 29.854 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 56, 84.378, 29.854

Background



This preview shows how black text looks on a background with the CIELCh color 56, 84.378, 29.854.



This preview shows how white text looks on a background with the CIELCh color 56, 84.378, 29.854.

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

56, 84.378, 29.854

Protanopia

56, 23.715, 95.562

Deuteranopia

56, 45.257, 81.031



Tritanopia
56, 86.545, 33.326

Trichromacy



Original Color
56, 84.378, 29.854

Protanomaly
53, 39.239, 41.607

Deuteranomaly
54, 54.323, 49.361

Tritanomaly
56, 85.687, 31.947

Monochromacy



Original Color
56, 84.378, 29.854

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 31.625, 19.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 84.378, 29.854 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, 53, 66)` looks like.

```
.text, #text, p{  
    color:rgb(253, 53, 66)  
}
```

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, 53, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 53, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 84.378, 29.854 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, 53, 66) }
```

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

```
.border{ border-color:rgb(253, 53, 66) }
```

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

Here you see how a box with a 4 pixel rgb(253, 53, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 53, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 53, 66);  
box-shadow:4px 4px 4px 4px rgb(253, 53,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 84.378, 29.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 53, 66) }
```

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

```
.background{ background-color: rgb(253, 53,  
66) }
```

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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