

Converting Colors

CIELCh(56, 93.597, 40.323)

Have a look what the booklet for
CIELCh(56, 93.597, 40.323) contains.

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Color

CIELCh(56, 93.433, 40.427)

Conversions

Conversions Part 1

Format	Color
Hex	FD391C
RGB	253, 57, 28
RGB Percent	99%, 22%, 11%
CMY	0.0076, 0.7761, 0.8900
CMYK	0.00, 0.77, 0.89, 0.01
HSL	8°, 98%, 55%
HSV	8°, 89%, 99%
XYZ	42.2091, 23.9124, 3.4929
YIQ	112.2980, 126.1250, 32.5330

Conversions

Conversions Part 2

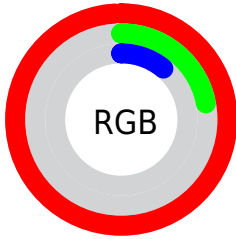
Format	Color
RYB	253, 61, 28
Decimal	16595228
CIELab	56.00, 71.12, 60.59
CIELCh	56, 93.433, 40.427
Yxy	23.9124, 0.6063, 0.3435
Android (android.graphics.Color)	4294785308 (0xFFFD391C)
YUV	112.2980, -41.5589, 123.3957
Hunter-Lab	48.9003, 68.4997, 29.9952

Details

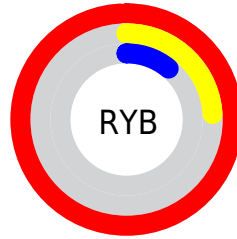
The CIELCh color **56, 93.433, 40.427** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **82, 43.100, 218.089**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 67.625, 44.004**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **54, 101.028, 41.276**, and if you desaturate by 10%, it is **59, 82.684, 38.703**.

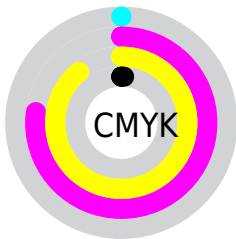
Distribution



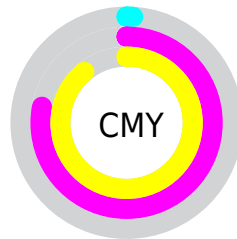
- Red (99%)
- Green (22%)
- Blue (11%)



- Red (99%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (77%)
- Yellow (89%)
- Black (1%)



- Cyan (1%)
- Magenta (78%)
- Yellow (89%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 93.433, 40.427 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, 93.433, 40.427 by changing the saturation by 10% instead.

 56, 93.433, 40.427

 56, 93.433, 40.427

 100, 93.433,
40.427

 46, 93.433, 40.427

 76, 93.433, 40.427

 36, 93.433, 40.427

 86, 93.433, 40.427

 26, 93.433, 40.427

 96, 93.433, 40.427


 16, 93.433, 40.427

 6, 93.433, 40.427

 0, 93.433, 40.427

 56, 93.433, 40.427

 56, 93.433, 40.427

 54, 101.028,
41.276

 59, 82.684, 38.703

 62, 70.745, 36.838

■ 54, 101.722,
41.384

■ 67, 58.689, 35.228

■ 71, 47.010, 33.967

■ 77, 35.952, 33.036

■ 82, 25.629, 32.381

■ 88, 16.072, 31.938

■ 94, 7.263, 31.631

100, 0.672,
200.349

Harmonies

Complementary

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



56, 93.433, 40.427



82, 43.100, 218.089

Rectangle

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



56, 93.433, 40.427



56, 93.433, 90.427



56, 93.433, 220.427



56, 93.433, 270.427

Sweetspot

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



56, 93.430, 40.429



84, 23.889, 32.282



59, 103.170, 332.976



43, 16.329, 32.464



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, 93.430, 40.429



54, 102.320, 41.378



75, 78.150, 73.277



50, 4.673, 31.648



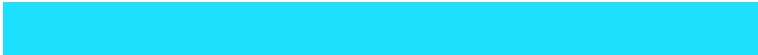
41, 82.059, 41.662



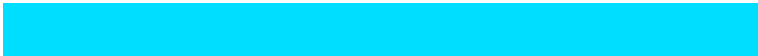
11, 31.023, 33.505

Inverse Universe

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



82, 43.100, 218.089



82, 43.818, 220.719



51, 80.404, 290.026



52, 4.392, 211.645



63, 35.326, 220.244



21, 16.383, 216.999

Previews

White Background



This preview shows how the CIELCh color 56, 93.433, 40.427 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, 93.433, 40.427 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, 93.433, 40.427

Background



This preview shows how black text looks on a background with the CIELCh color 56, 93.433, 40.427.



This preview shows how white text looks on a background with the CIELCh color 56, 93.433, 40.427.

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, 93.433, 40.427

Protanopia

56, 48.149, 95.968

Deuteranopia

56, 61.960, 83.819



Tritanopia
56, 87.346, 33.512

Trichromacy



Original Color
56, 93.433, 40.427

Protanomaly
53, 56.243, 61.541

Deuteranomaly
54, 69.118, 60.333

Tritanomaly
56, 89.826, 36.412

Monochromacy



Original Color
56, 93.433, 40.427

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 33.687, 34.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 93.433, 40.427 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, 57, 28)` looks like.

```
.text, #text, p{  
    color:rgb(253, 57, 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(253, 57, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 57, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 93.433, 40.427 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, 57, 28) }
```

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

```
.border{ border-color:rgb(253, 57, 28) }
```

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

Here you see how a box with a 4 pixel rgb(253, 57, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 57, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 57, 28);  
box-shadow:4px 4px 4px 4px rgb(253, 57,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 93.433, 40.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 57, 28) }
```

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

```
.background{ background-color: rgb(253, 57,  
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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