

Converting Colors

CIELCh(56, 85.687, 31.947)

Have a look what the booklet for
CIELCh(56, 85.687, 31.947) contains.

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Color

CIELCh(56, 85.687, 31.947)

Conversions

Conversions Part 1

Format	Color
Hex	FD363C
RGB	253, 54, 60
RGB Percent	99%, 21%, 24%
CMY	0.0070, 0.7872, 0.7641
CMYK	0.00, 0.79, 0.76, 0.01
HSL	358°, 98%, 60%
HSV	358°, 79%, 99%
XYZ	42.7373, 23.9124, 6.6591
YIQ	114.1850, 116.6780, 44.0540

Conversions

Conversions Part 2

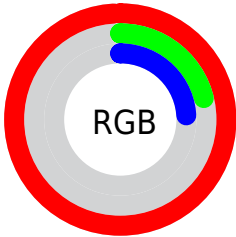
Format	Color
RYB	253, 54, 60
Decimal	16594492
CIELab	56.00, 72.71, 45.34
CIElCh	56, 85.687, 31.947
Yxy	23.9124, 0.5830, 0.3262
Android (android.graphics.Color)	4294784572 (0xFFFD363C)
YUV	114.1850, -26.7132, 121.7408
Hunter-Lab	48.9003, 70.4275, 26.1563

Details

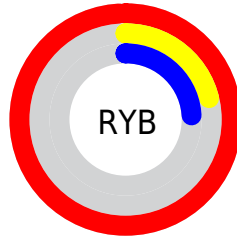
The CIELCh color **56, 85.687, 31.947** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 48.277, 192.778**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 59.968, 31.003**, and **39, 79.246, 36.589** is the 20% darker color. If you saturate the color by 10%, you get **54, 95.409, 35.853**, and if you desaturate by 10%, it is **59, 74.592, 28.280**.

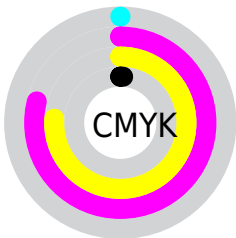
Distribution



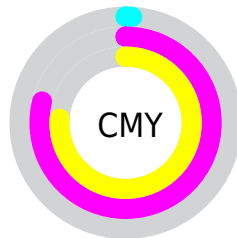
- Red (99%)
- Green (21%)
- Blue (24%)



- Red (99%)
- Yellow (21%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (76%)
- Black (1%)



- Cyan (1%)
- Magenta (79%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 85.687, 31.947 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, 85.687, 31.947 by changing the saturation by 10% instead.

 56, 85.687, 31.947

 56, 85.687, 31.947

 100, 85.687,
31.947

 46, 85.687, 31.947

 76, 85.687, 31.947

 36, 85.687, 31.947

 86, 85.687, 31.947

 26, 85.687, 31.947

 96, 85.687, 31.947

 16, 85.687, 31.947

 6, 85.687, 31.947


 0, 85.687, 31.947

 56, 85.687, 31.947

 56, 85.687, 31.947

 54, 95.409, 35.853

 59, 74.592, 28.280

 53, 102.191,

 63, 62.871, 25.226

38.920

69, 50.995, 22.815

53, 102.868,
39.186

74, 39.339, 20.949

80, 28.174, 19.509

87, 17.656, 18.383

94, 7.846, 17.466

100, 0.620,
200.435

Harmonies

Complementary

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



56, 85.687, 31.947



91, 48.277, 192.778

Rectangle

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



56, 85.687, 31.947



56, 85.687, 81.947



56, 85.687, 211.947



56, 85.687, 261.947

Sweetspot

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



56, 85.684, 31.949



84, 23.414, 18.962



61, 107.095, 326.864



42, 16.294, 19.384



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, 85.684, 31.949



54, 100.145, 37.741



71, 71.350, 62.037



49, 5.253, 17.547



40, 82.927, 38.853



10, 33.124, 25.994

Inverse Universe

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



56, 85.684, 31.949



54, 100.145, 37.741



64, 54.567, 271.569



49, 5.253, 17.547



40, 82.927, 38.853



10, 33.124, 25.994

Previews

White Background



This preview shows how the CIELCh color 56, 85.687, 31.947 looks on a white background.

Color Contrast Check

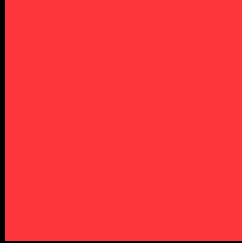
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.687, 31.947 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, 85.687, 31.947

Background



This preview shows how black text looks on a background with the CIELCh color 56, 85.687, 31.947.



This preview shows how white text looks on a background with the CIELCh color 56, 85.687, 31.947.

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, 85.687, 31.947

Protanopia

56, 28.649, 95.963

Deuteranopia

56, 48.940, 81.714



Tritanopia
56, 86.545, 33.326

Trichromacy



Original Color
56, 85.687, 31.947

Protanomaly
53, 42.161, 46.473

Deuteranomaly
54, 57.210, 51.723

Tritanomaly
56, 86.027, 32.719

Monochromacy



Original Color
56, 85.687, 31.947

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 32.311, 21.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 85.687, 31.947 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, 54, 60)` looks like.

```
.text, #text, p{  
    color:rgb(253, 54, 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, 54, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 54, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 85.687, 31.947 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, 54, 60) }
```

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

```
.border{ border-color:rgb(253, 54, 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, 54, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 54, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 54, 60);  
box-shadow:4px 4px 4px 4px rgb(253, 54,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 85.687, 31.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 54, 60) }
```

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

```
.background{ background-color: rgb(253, 54,  
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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