

Converting Colors

CIELCh(56, 88.636, 35.047)

Have a look what the booklet for
CIELCh(56, 88.636, 35.047) contains.

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Color

CIELCh(56, 88.662, 34.937)

Conversions

Conversions Part 1

Format	Color
Hex	FE3632
RGB	254, 54, 50
RGB Percent	100%, 21%, 20%
CMY	0.0043, 0.7886, 0.8042
CMYK	0.00, 0.79, 0.80, 0.00
HSL	1°, 99%, 60%
HSV	1°, 80%, 100%
XYZ	42.7288, 23.9124, 5.3741
YIQ	113.3440, 120.4840, 41.1560

Conversions

Conversions Part 2

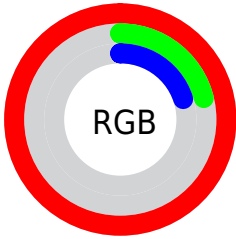
Format	Color
RYB	254, 54, 50
Decimal	16660018
CIELab	56.00, 72.68, 50.77
CIELCh	56, 88.662, 34.937
Yxy	23.9124, 0.5933, 0.3320
Android (android.graphics.Color)	4294850098 (0xFFFE3632)
YUV	113.3440, -31.2286, 123.3553
Hunter-Lab	48.9003, 70.3968, 27.7143

Details

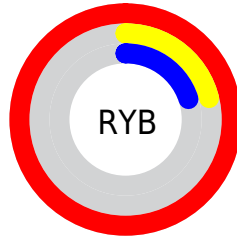
The CIELCh color **56, 88.662, 34.937** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **90, 46.730, 199.130**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 62.320, 35.518**, and **39, 82.201, 39.151** is the 20% darker color. If you saturate the color by 10%, you get **54, 98.255, 38.100**, and if you desaturate by 10%, it is **59, 77.208, 31.640**.

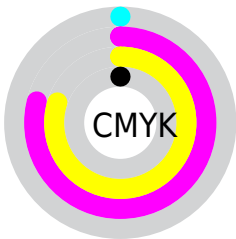
Distribution



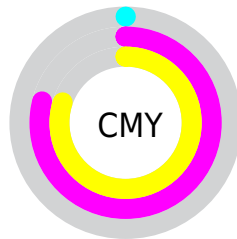
- Red (100%)
- Green (21%)
- Blue (20%)



- Red (100%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 88.662, 34.937 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, 88.662, 34.937 by changing the saturation by 10% instead.

 56, 88.662, 34.937

 56, 88.662, 34.937

 100, 88.662,
34.937

 46, 88.662, 34.937

 76, 88.662, 34.937

 36, 88.662, 34.937

 86, 88.662, 34.937

 26, 88.662, 34.937

 96, 88.662, 34.937

 16, 88.662, 34.937

 6, 88.662, 34.937


 0, 88.662, 34.937

 56, 88.662, 34.937

 56, 88.662, 34.937

 54, 98.255, 38.100

 59, 77.208, 31.640

 53, 104.002,

 63, 65.095, 28.788

40.137

68, 52.914, 26.510

74, 41.051, 24.753

80, 29.761, 23.416

86, 19.182, 22.397

93, 9.363, 21.597

99, 0.290, 18.801

100, 0.379,
201.130

Harmonies

Complementary

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



56, 88.662, 34.937



90, 46.730, 199.130

Rectangle

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



56, 88.662, 34.937



56, 88.662, 84.937



56, 88.662, 214.937



56, 88.662, 264.937

Sweetspot

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



56, 88.659, 34.939



84, 23.056, 22.741



62, 107.279, 328.612



42, 16.062, 23.107



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, 88.659, 34.939



54, 102.331, 39.368



73, 72.600, 66.154



50, 5.153, 21.536



40, 83.960, 40.196



10, 32.965, 28.127

Inverse Universe

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



90, 46.730, 199.130



90, 48.580, 199.429



61, 60.860, 277.834



52, 4.848, 200.684



69, 39.270, 199.479



23, 18.124, 199.097

Previews

White Background



This preview shows how the CIELCh color 56, 88.662, 34.937 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, 88.662, 34.937 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, 88.662, 34.937

Background



This preview shows how black text looks on a background with the CIELCh color 56, 88.662, 34.937.



This preview shows how white text looks on a background with the CIELCh color 56, 88.662, 34.937.

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, 88.662, 34.937

Protanopia

56, 35.588, 96.304

Deuteranopia

56, 54.473, 82.726



Tritanopia
56, 87.772, 33.659

Trichromacy



Original Color
56, 88.662, 34.937

Protanomaly
53, 46.900, 52.419

Deuteranomaly
54, 61.750, 55.056

Tritanomaly
56, 88.034, 33.948

Monochromacy



Original Color
56, 88.662, 34.937

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 32.378, 25.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 88.662, 34.937 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, 54, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 54, 50)  
}
```

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, 54, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 54, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 88.662, 34.937 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, 54, 50) }
```

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

```
.border{ border-color:rgb(254, 54, 50) }
```

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

Here you see how a box with a 4 pixel rgb(254, 54, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 54, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 54, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 54,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 88.662, 34.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 54, 50) }
```

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

```
.background{ background-color: rgb(254, 54,  
50) }
```

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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