

Converting Colors

CIELCh(56, 88.623, 34.462)

Have a look what the booklet for
CIELCh(56, 88.623, 34.462) contains.

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Color

CIELCh(56, 88.561, 34.515)

Conversions

Conversions Part 1

Format	Color
Hex	FE3533
RGB	254, 53, 51
RGB Percent	100%, 21%, 20%
CMY	0.0032, 0.7912, 0.7995
CMYK	0.00, 0.79, 0.80, 0.00
HSL	1°, 99%, 60%
HSV	1°, 80%, 100%
XYZ	42.8256, 23.9124, 5.5057
YIQ	112.8710, 120.4380, 41.9900

Conversions

Conversions Part 2

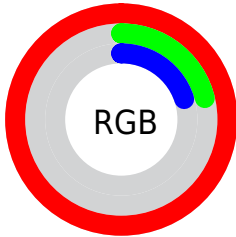
Format	Color
R_{YB}	254, 53, 51
Decimal	16659763
CIE _{Lab}	56.00, 72.97, 50.18
CIE _{LCh}	56, 88.561, 34.515
Yxy	23.9124, 0.5928, 0.3310
Android (android.graphics.Color)	4294849843 (0xFFFE3533)
YUV	112.8710, -30.5024, 123.7701
Hunter-Lab	48.9003, 70.7498, 27.5547

Details

The CIELCh color **56, 88.561, 34.515** 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, 47.208, 197.879**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 62.067, 35.086**, and **39, 81.975, 38.945** is the 20% darker color. If you saturate the color by 10%, you get **54, 98.182, 37.832**, and if you desaturate by 10%, it is **59, 77.118, 31.110**.

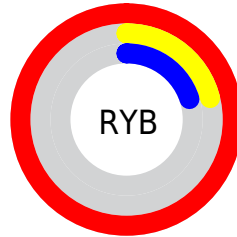
Distribution



Red (100%)

Green (21%)

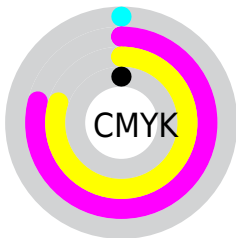
Blue (20%)



Red (100%)

Yellow (21%)

Blue (20%)

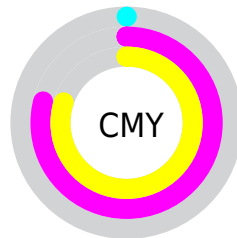


Cyan (0%)

Magenta (79%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 88.561, 34.515 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, 88.561, 34.515 by changing the saturation by 10% instead.

 56, 88.561, 34.515

 56, 88.561, 34.515

 100, 88.561,
34.515

 46, 88.561, 34.515

 76, 88.561, 34.515

 36, 88.561, 34.515

 86, 88.561, 34.515

 26, 88.561, 34.515

 96, 88.561, 34.515

 16, 88.561, 34.515

 6, 88.561, 34.515

 0, 88.561, 34.515

 56, 88.561, 34.515

 56, 88.561, 34.515

 54, 98.182, 37.832

 59, 77.118, 31.110

 53, 104.138,

 63, 65.004, 28.183

40.048

68, 52.798, 25.852

53, 104.199,
40.073

74, 40.891, 24.055

80, 29.546, 22.685

86, 18.908, 21.637

93, 9.030, 20.809

100, 0.101,
206.819

100, 0.282,
201.740

Harmonies

Complementary

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



56, 88.561, 34.515



91, 47.208, 197.879

Rectangle

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



56, 88.561, 34.515



56, 88.561, 84.515



56, 88.561, 214.515



56, 88.561, 264.515

Sweetspot

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



56, 88.558, 34.517



84, 23.257, 22.036



62, 108.349, 328.025



42, 16.200, 22.417



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, 88.558, 34.517



54, 102.455, 39.289



72, 72.399, 64.752



50, 5.200, 20.780



40, 84.086, 40.104



10, 33.152, 27.680

Inverse Universe

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



91, 47.208, 197.879



90, 49.192, 197.982



62, 58.853, 275.902



52, 4.893, 199.866



70, 39.773, 198.002



23, 18.329, 197.805

Previews

White Background



This preview shows how the CIELCh color 56, 88.561, 34.515 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, 88.561, 34.515 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, 88.561, 34.515

Background



This preview shows how black text looks on a background with the CIELCh color 56, 88.561, 34.515.



This preview shows how white text looks on a background with the CIELCh color 56, 88.561, 34.515.

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, 88.561, 34.515

Protanopia

56, 34.553, 96.171

Deuteranopia

56, 53.782, 82.553



Tritanopia
56, 88.034, 33.948

Trichromacy



Original Color
56, 88.561, 34.515

Protanomaly
53, 46.288, 50.770

Deuteranomaly
54, 61.417, 54.800

Tritanomaly
56, 88.297, 34.234

Monochromacy



Original Color
56, 88.561, 34.515

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 32.608, 23.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 88.561, 34.515 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, 53, 51)` looks like.

```
.text, #text, p{  
    color:rgb(254, 53, 51)  
}
```

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, 53, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 53, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 88.561, 34.515 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, 53, 51) }
```

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

```
.border{ border-color:rgb(254, 53, 51) }
```

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

Here you see how a box with a 4 pixel rgb(254, 53, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 53, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 53, 51);  
box-shadow:4px 4px 4px 4px rgb(254, 53,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 88.561, 34.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 53, 51) }
```

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

```
.background{ background-color: rgb(254, 53,  
51) }
```

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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