

Converting Colors

CIELCh(36, 55.023, 32.925)

Have a look what the booklet for
CIELCh(36, 55.023, 32.925) contains.

CIELCh(36, 55.130, 32.965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(36, 55.130, 32.965)

Conversions

Conversions Part 1

Format	Color
Hex	9C2B27
RGB	156, 43, 39
RGB Percent	61%, 17%, 15%
CMY	0.3867, 0.8299, 0.8460
CMYK	0.00, 0.72, 0.75, 0.39
HSL	2°, 60%, 38%
HSV	2°, 75%, 61%
XYZ	15.0318, 9.0082, 2.8898
YIQ	76.3310, 68.6320, 22.7120

Conversions

Conversions Part 2

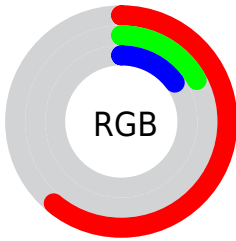
Format	Color
R _Y B	156, 43, 39
Decimal	10234663
CIE Lab	36.00, 46.25, 30.00
CIE LCh	36, 55.130, 32.965
Yxy	9.0082, 0.5582, 0.3345
Android (android.graphics.Color)	4288424743 (0xFF9C2B27)
YUV	76.3310, -18.4042, 69.8697
Hunter-Lab	30.0136, 36.8749, 15.3009

Details

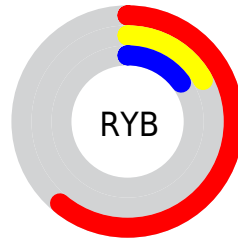
The CIELCh color **36, 55.130, 32.965** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 30.761, 201.111**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 55.088, 32.940**, and **18, 48.338, 35.275** is the 20% darker color. If you saturate the color by 10%, you get **34, 62.766, 36.003**, and if you desaturate by 10%, it is **39, 46.986, 30.254**.

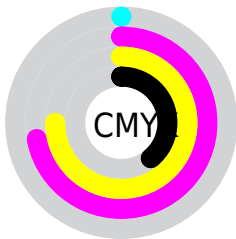
Distribution



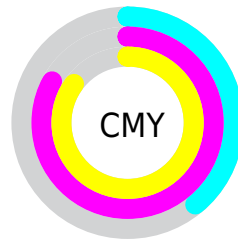
- Red (61%)
- Green (17%)
- Blue (15%)



- Red (61%)
- Yellow (17%)
- Blue (15%)



- Cyan (0%)
- Magenta (72%)
- Yellow (75%)
- Black (39%)



- Cyan (39%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 55.130, 32.965 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 36, 55.130, 32.965 by changing the saturation by 10% instead.

■ 36, 55.130, 32.965

■ 36, 55.130, 32.965

■ 100, 55.130,
32.965

■ 26, 55.130, 32.965

■ 56, 55.130, 32.965

■ 16, 55.130, 32.965

■ 66, 55.130, 32.965

■ 6, 55.130, 32.965

■ 76, 55.130, 32.965

■ 0, 55.130, 32.965

■ 86, 55.130, 32.965

■ 96, 55.130, 32.965

■ 36, 55.130, 32.965

■ 36, 55.130, 32.965

■ 34, 62.766, 36.003

■ 39, 46.986, 30.254

33, 69.029, 38.760

42, 38.769, 28.040

32, 71.697, 40.121

45, 30.737, 26.308

49, 23.061, 24.979

54, 15.839, 23.965

58, 9.110, 23.182

62, 2.875, 22.495

67, 2.893, 202.379

71, 8.233, 201.943

Harmonies

Complementary

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



36, 55.130, 32.965



57, 30.761, 201.111

Rectangle

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



36, 55.130, 32.965



36, 55.130, 82.965



36, 55.130, 212.965



36, 55.130, 262.965

Sweetspot

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



36, 55.128, 32.968



70, 17.223, 23.754



39, 69.988, 328.973



35, 11.657, 23.967



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



36, 55.128, 32.968



44, 81.960, 37.978



48, 45.747, 69.034



31, 3.415, 22.805



29, 66.612, 39.743



1, 4.327, 22.260

Inverse Universe

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



57, 30.761, 201.111



73, 39.877, 201.623



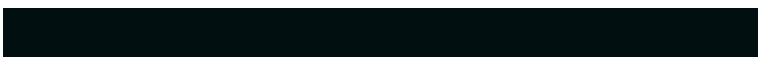
39, 39.406, 276.304



33, 3.223, 202.124



52, 31.050, 201.931



3, 4.285, 203.182

Previews

White Background



This preview shows how the CIELCh color 36, 55.130, 32.965 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 36, 55.130, 32.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 55.130, 32.965

Background



This preview shows how black text looks on a background with the CIELCh color 36, 55.130, 32.965.



This preview shows how white text looks on a background with the CIELCh color 36, 55.130, 32.965.

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

36, 55.130, 32.965

Protanopia

37, 20.494, 95.934

Deuteranopia

36, 32.758, 82.109



Tritanopia
36, 54.211, 30.267

Trichromacy



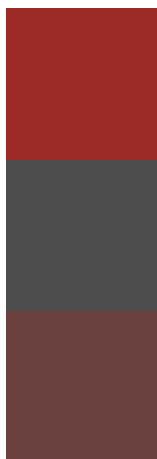
Original Color
36, 55.130, 32.965

Protanomaly
35, 28.015, 50.689

Deuteranomaly
35, 37.051, 54.432

Tritanomaly
36, 54.735, 31.389

Monochromacy



Original Color
36, 55.130, 32.965

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 19.597, 26.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 55.130, 32.965 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(156, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(156, 43, 39)  
}
```

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(156, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 43, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 55.130, 32.965 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(156, 43, 39) }
```

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

```
.border{ border-color:rgb(156, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 43, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 43, 39);  
box-shadow:4px 4px 4px 4px rgb(156, 43,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 55.130, 32.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 43, 39) }
```

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

```
.background{ background-color: rgb(156, 43,  
39) }
```

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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