

Converting Colors

CIELCh(36, 33.814, 5.401)

Have a look what the booklet for
CIELCh(36, 33.814, 5.401) contains.

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Color

CIELCh(36, 33.587, 5.184)

Conversions

Conversions Part 1

Format	Color
Hex	863D51
RGB	134, 61, 81
RGB Percent	53%, 24%, 32%
CMY	0.4743, 0.7606, 0.6822
CMYK	0.00, 0.54, 0.40, 0.47
HSL	344°, 37%, 38%
HSV	344°, 54%, 53%
XYZ	12.9958, 9.0082, 8.8457
YIQ	85.1070, 37.0880, 21.6960

Conversions

Conversions Part 2

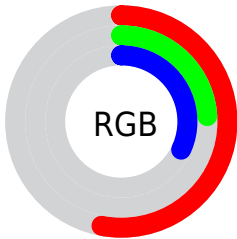
Format	Color
R_{YB}	134, 61, 81
Decimal	8797521
CIE _{Lab}	36.00, 33.45, 3.03
CIE _{LCh}	36, 33.587, 5.184
Yxy	9.0082, 0.4213, 0.2920
Android (android.graphics.Color)	4286987601 (0xFF863D51)
YUV	85.1070, -2.0248, 42.8792
Hunter-Lab	30.0136, 24.7662, 3.5354

Details

The CIELCh color **36, 33.587, 5.184** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **51, 28.210, 172.107**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 33.723, 5.399**, and **16, 33.677, 4.805** is the 20% darker color. If you saturate the color by 10%, you get **33, 39.442, 7.626**, and if you desaturate by 10%, it is **39, 27.357, 3.224**.

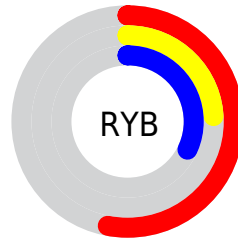
Distribution



Red (53%)

Green (24%)

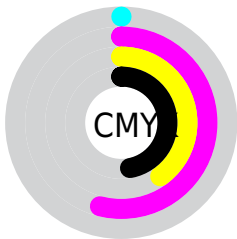
Blue (32%)



Red (53%)

Yellow (24%)

Blue (32%)

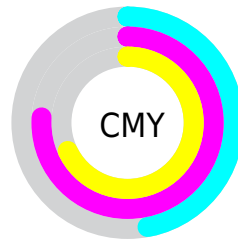


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (47%)



Cyan (47%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 33.587, 5.184 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, 33.587, 5.184 by changing the saturation by 10% instead.

 36, 33.587, 5.184

 36, 33.587, 5.184

 100, 33.587, 5.184

 26, 33.587, 5.184

 56, 33.587, 5.184

 16, 33.587, 5.184

 66, 33.587, 5.184

 6, 33.587, 5.184

 76, 33.587, 5.184

 0, 33.587, 5.184

 86, 33.587, 5.184

 96, 33.587, 5.184

 36, 33.587, 5.184

 36, 33.587, 5.184

 33, 39.442, 7.626

 39, 27.357, 3.224

 31, 44.670, 10.692

 43, 20.993, 1.619

■ 29, 49.062, 14.531

■ 46, 14.672, 0.277

■ 28, 52.603, 19.192

■ 50, 8.509, 359.128

■ 27, 54.576, 21.761

■ 54, 2.571, 358.052

■ 58, 3.113, 177.453

■ 62, 8.533, 176.619

■ 66, 13.698,
175.922

■ 70, 18.621,
175.299

Harmonies

Complementary

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



36, 33.587, 5.184



51, 28.210, 172.107

Rectangle

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



36, 33.587, 5.184



36, 33.587, 55.184



36, 33.587, 185.184



36, 33.587, 235.184

Sweetspot

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



36, 33.585, 5.186



63, 11.663, 359.334



35, 47.885, 318.417



32, 7.868, 359.525



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



36, 33.585, 5.186



43, 48.940, 8.176



39, 29.868, 41.423



26, 3.253, 358.563



26, 53.341, 21.577



0, 0.765, 357.791

Inverse Universe

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



36, 33.585, 5.186



43, 48.940, 8.176



47, 20.095, 225.802



26, 3.253, 358.563



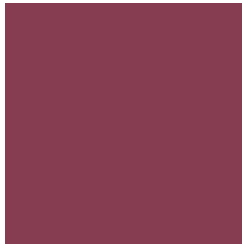
26, 53.341, 21.577



0, 0.765, 357.791

Previews

White Background



This preview shows how the CIE LCh color 36, 33.587, 5.184 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, 33.587, 5.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

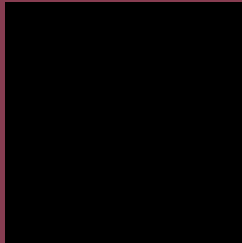
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 33.587, 5.184

Background



This preview shows how black text looks on a background with the CIELCh color 36, 33.587, 5.184.



This preview shows how white text looks on a background with the CIELCh color 36, 33.587, 5.184.

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, 33.587, 5.184

Protanopia

36, 6.209, 287.444

Deuteranopia

36, 6.747, 41.587



Tritanopia
36, 32.479, 20.112

Trichromacy



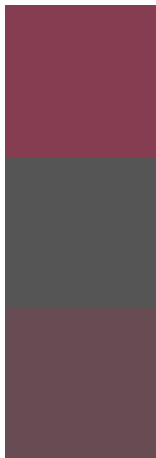
Original Color
36, 33.587, 5.184

Protanomaly
35, 14.072, 343.682

Deuteranomaly
36, 16.425, 11.381

Tritanomaly
36, 32.553, 13.987

Monochromacy



Original Color
36, 33.587, 5.184

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 12.798, 358.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 33.587, 5.184 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(134, 61, 81)` looks like.

```
.text, #text, p{  
    color:rgb(134, 61, 81)  
}
```

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(134, 61, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 61, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 33.587, 5.184 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(134, 61, 81) }
```

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

```
.border{ border-color:rgb(134, 61, 81) }
```

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

Here you see how a box with a 4 pixel rgb(134, 61, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 61, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 61, 81);  
box-shadow:4px 4px 4px 4px rgb(134, 61,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 33.587, 5.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 61, 81) }
```

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

```
.background{ background-color: rgb(134, 61,  
81) }
```

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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