

Converting Colors

CIELCh(36, 30.009, 353.905)

Have a look what the booklet for
CIELCh(36, 30.009, 353.905)
contains.

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Color

CIELCh(36, 30.194, 353.698)

Conversions

Conversions Part 1

Format	Color
Hex	7F415B
RGB	127, 65, 91
RGB Percent	50%, 25%, 36%
CMY	0.5028, 0.7458, 0.6439
CMYK	0.00, 0.49, 0.28, 0.50
HSL	335°, 32%, 38%
HSV	335°, 49%, 50%
XYZ	12.4823, 9.0082, 10.9368
YIQ	86.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

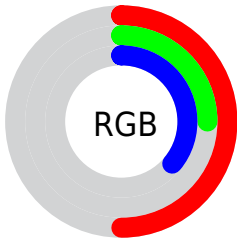
Format	Color
R_{YB}	127, 65, 91
Decimal	8339803
CIE _{Lab}	36.00, 30.01, -3.31
CIE _{LCh}	36, 30.194, 353.698
Yxy	9.0082, 0.3849, 0.2778
Android (android.graphics.Color)	4286529883 (0xFF7F415B)
YUV	86.5020, 2.2175, 35.5167
Hunter-Lab	30.0136, 21.7125, -0.5955

Details

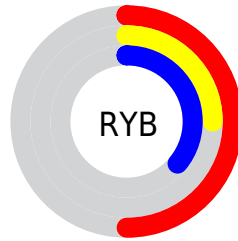
The CIELCh color **36, 30.194, 353.698** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48, 27.816, 163.231**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 29.831, 353.725**, and **16, 30.069, 353.811** is the 20% darker color. If you saturate the color by 10%, you get **33, 35.907, 355.449**, and if you desaturate by 10%, it is **39, 24.081, 352.242**.

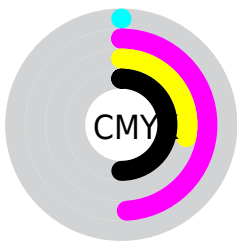
Distribution



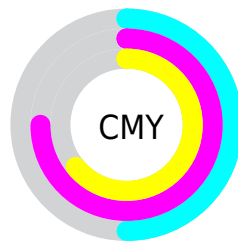
- Red (50%)
- Green (25%)
- Blue (36%)



- Red (50%)
- Yellow (25%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (28%)
- Black (50%)





- Cyan (50%)
- Magenta (75%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 30.194, 353.698 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, 30.194, 353.698 by changing the saturation by 10% instead.


 36, 30.194,
353.698


 36, 30.194,
353.698

 100, 30.194,
353.698


 26, 30.194,
353.698

 56, 30.194,
353.698


 16, 30.194,
353.698


 66, 30.194,
353.698

 6, 30.194, 353.698

 76, 30.194,
353.698

 0, 30.194, 353.698

 86, 30.194,
353.698

 96, 30.194,
353.698

36, 30.194,
353.698

36, 30.194,
353.698

33, 35.907,
355.449

39, 24.081,
352.242

31, 40.946,
357.596

43, 17.803,
350.998

29, 45.025, 0.277

46, 11.523,
349.914

27, 47.944, 3.651

50, 5.347, 348.934

26, 50.059, 7.585

54, 0.660, 168.616

26, 50.317, 8.015

57, 6.465, 167.426

61, 12.057,
166.705

65, 17.436,
166.057

■ 69, 22.611,
165.462

Harmonies

Complementary

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



36, 30.194, 353.698



48, 27.816, 163.231

Rectangle

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



36, 30.194, 353.698



36, 30.194, 43.698



36, 30.194, 173.698



36, 30.194, 223.698

Sweetspot

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



36, 30.192, 353.699



61, 11.347, 349.561



34, 40.490, 313.529



31, 7.820, 349.738



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



36, 30.192, 353.699



43, 44.657, 355.750



36, 27.772, 28.993



25, 3.411, 348.956



26, 50.518, 8.045



0, 0.000, 0.000

Inverse Universe

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



36, 30.192, 353.699



43, 44.657, 355.750



48, 19.481, 204.678



25, 3.411, 348.956



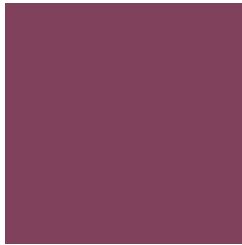
26, 50.518, 8.045



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 36, 30.194, 353.698 looks on a white background.

Color Contrast Check

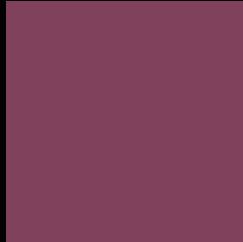
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.194, 353.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

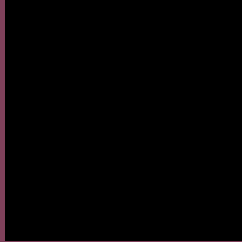
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 30.194, 353.698

Background



This preview shows how black text looks on a background with the CIELCh color 36, 30.194, 353.698.



This preview shows how white text looks on a background with the CIELCh color 36, 30.194, 353.698.

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, 30.194, 353.698

Protanopia

36, 11.831, 286.465

Deuteranopia

36, 4.954, 341.445



Tritanopia
36, 26.257, 17.425

Trichromacy



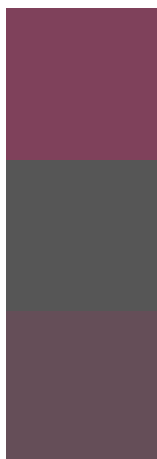
Original Color
36, 30.194, 353.698

Protanomaly
36, 16.197, 324.287

Deuteranomaly
36, 14.798, 349.024

Tritanomaly
36, 27.125, 8.880

Monochromacy



Original Color
36, 30.194, 353.698

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 11.675, 349.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 30.194, 353.698 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(127, 65, 91)` looks like.

```
.text, #text, p{  
    color:rgb(127, 65, 91)  
}
```

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(127, 65, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 65, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 30.194, 353.698 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(127, 65, 91) }
```

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

```
.border{ border-color:rgb(127, 65, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 65, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 65, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 65, 91);  
box-shadow:4px 4px 4px 4px rgb(127, 65,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 30.194, 353.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 65, 91) }
```

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

```
.background{ background-color: rgb(127, 65,  
91) }
```

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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