

Converting Colors

CIELCh(36, 26.780, 352.350)

Have a look what the booklet for
CIELCh(36, 26.780, 352.350)
contains.

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Color

CIELCh(36, 26.633, 352.549)

Conversions

Conversions Part 1

Format	Color
Hex	7A445B
RGB	122, 68, 91
RGB Percent	48%, 27%, 36%
CMY	0.5219, 0.7337, 0.6435
CMYK	0.00, 0.44, 0.25, 0.52
HSL	334°, 28%, 37%
HSV	334°, 44%, 48%
XYZ	11.9589, 9.0082, 10.9861
YIQ	86.7680, 24.8010, 18.6010

Conversions

Conversions Part 2

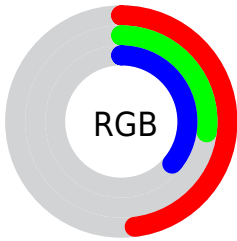
Format	Color
R_{YB}	122, 68, 91
Decimal	8012891
CIE _{Lab}	36.00, 26.41, -3.45
CIE _{LCh}	36, 26.633, 352.549
Yxy	9.0082, 0.3743, 0.2819
Android (android.graphics.Color)	4286202971 (0xFF7A445B)
YUV	86.7680, 2.0864, 30.8985
Hunter-Lab	30.0136, 18.5994, -0.6928

Details

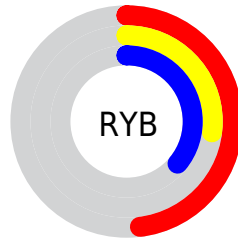
The CIELCh color **36, 26.633, 352.549** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **47, 24.757, 163.459**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 26.937, 352.482**, and **16, 26.270, 353.002** is the 20% darker color. If you saturate the color by 10%, you get **33, 32.385, 354.126**, and if you desaturate by 10%, it is **39, 20.602, 351.221**.

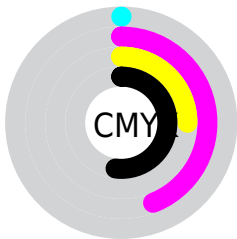
Distribution



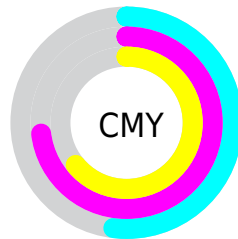
- Red (48%)
- Green (27%)
- Blue (36%)



- Red (48%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (25%)
- Black (52%)




- Cyan (52%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 26.633, 352.549 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, 26.633, 352.549 by changing the saturation by 10% instead.


 36, 26.633,
352.549

 36, 26.633,
352.549

 100, 26.633,
352.549


 26, 26.633,
352.549

 56, 26.633,
352.549

 16, 26.633,
352.549


 66, 26.633,
352.549

 6, 26.633, 352.549

 76, 26.633,
352.549

 0, 26.633, 352.549

 86, 26.633,
352.549

 96, 26.633,
352.549

36, 26.633,
352.549

36, 26.633,
352.549

33, 32.385,
354.126

39, 20.602,
351.221

30, 37.614,
356.035

43, 14.490,
350.072

28, 42.037,
358.396

46, 8.426, 349.056

27, 45.406, 1.358

50, 2.494, 348.080

25, 47.663, 5.037

53, 3.259, 167.491

25, 48.899, 7.188

57, 8.813, 166.704

61, 14.160,
166.024

64, 19.307,
165.405

68, 24.261,

Harmonies

Complementary

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



36, 26.633, 352.549



47, 24.757, 163.459

Rectangle

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



36, 26.633, 352.549



36, 26.633, 42.549



36, 26.633, 172.549



36, 26.633, 222.549

Sweetspot

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



36, 26.631, 352.551



59, 9.473, 348.962



34, 35.471, 313.318



30, 6.608, 349.140



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



36, 26.631, 352.551



43, 39.114, 354.125



36, 23.966, 28.367



24, 3.309, 348.558



26, 49.775, 7.324



54, 83.977, 10.225

Inverse Universe

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



36, 26.631, 352.551



43, 39.114, 354.125



47, 17.500, 204.643



24, 3.309, 348.558



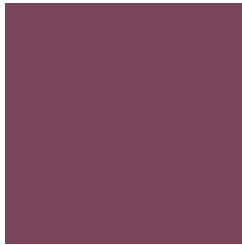
26, 49.775, 7.324



54, 83.977, 10.225

Previews

White Background



This preview shows how the CIELCh color 36, 26.633, 352.549 looks on a white background.

Color Contrast Check

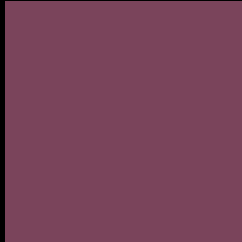
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.633, 352.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

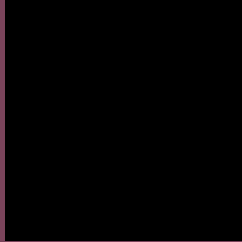
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 26.633, 352.549

Background



This preview shows how black text looks on a background with the CIELCh color 36, 26.633, 352.549.



This preview shows how white text looks on a background with the CIELCh color 36, 26.633, 352.549.

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, 26.633, 352.549

Protanopia

36, 10.572, 287.646

Deuteranopia

36, 4.954, 341.445



Tritanopia
36, 22.450, 15.478

Trichromacy



Original Color
36, 26.633, 352.549

Protanomaly
36, 14.218, 325.429

Deuteranomaly
36, 12.704, 349.166

Tritanomaly
36, 23.515, 7.074

Monochromacy



Original Color
36, 26.633, 352.549

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 9.939, 351.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 26.633, 352.549 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(122, 68, 91)` looks like.

```
.text, #text, p{  
    color:rgb(122, 68, 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(122, 68, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 68, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 26.633, 352.549 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(122, 68, 91) }
```

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

```
.border{ border-color:rgb(122, 68, 91) }
```

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

Here you see how a box with a 4 pixel rgb(122, 68, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 68, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 68, 91);  
box-shadow:4px 4px 4px 4px rgb(122, 68,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 26.633, 352.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 68, 91) }
```

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

```
.background{ background-color: rgb(122, 68,  
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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