

Converting Colors

CIELCh(30, 36.479, 350.494)

Have a look what the booklet for
CIELCh(30, 36.479, 350.494)
contains.

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Color

CIELCh(30, 36.186, 350.426)

Conversions

Conversions Part 1

Format	Color
Hex	752D51
RGB	117, 45, 81
RGB Percent	46%, 18%, 32%
CMY	0.5416, 0.8239, 0.6827
CMYK	0.00, 0.62, 0.31, 0.54
HSL	330°, 44%, 32%
HSV	330°, 62%, 46%
XYZ	9.7374, 6.2359, 8.4559
YIQ	70.6320, 31.3560, 26.4600

Conversions

Conversions Part 2

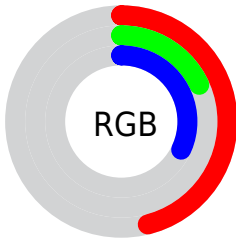
Format	Color
R_{YB}	117, 45, 81
Decimal	7679313
CIE Lab	30.00, 35.68, -6.02
CIE LCh	30, 36.186, 350.426
Yxy	6.2359, 0.3986, 0.2553
Android (android.graphics.Color)	4285869393 (0xFF752D51)
YUV	70.6320, 5.1114, 40.6647
Hunter-Lab	24.9718, 25.9026, -2.5963

Details

The CIELCh color **30, 36.186, 350.426** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 34.252, 157.091**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 35.821, 350.557**, and **11, 32.874, 352.452** is the 20% darker color. If you saturate the color by 10%, you get **28, 40.680, 352.297**, and if you desaturate by 10%, it is **33, 30.908, 348.882**.

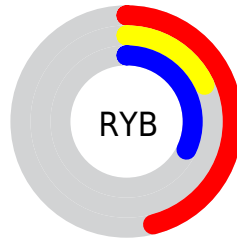
Distribution



Red (46%)

Green (18%)

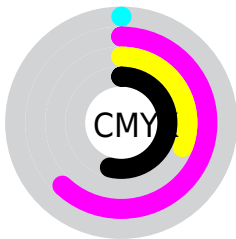
Blue (32%)



Red (46%)

Yellow (18%)

Blue (32%)

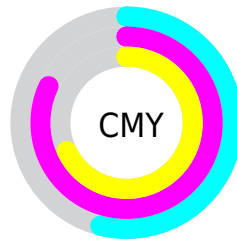


Cyan (0%)

Magenta (62%)

Yellow (31%)

Black (54%)



Cyan (54%)


Magenta (82%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 36.186, 350.426 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 30, 36.186, 350.426 by changing the saturation by 10% instead.


 30, 36.186,
350.426


 30, 36.186,
350.426

 100, 36.186,
350.426


 20, 36.186,
350.426


 50, 36.186,
350.426


 10, 36.186,
350.426

 60, 36.186,
350.426

 0, 36.186, 350.426

 70, 36.186,
350.426

 80, 36.186,
350.426

 90, 36.186,
350.426

■ 30, 36.186,
350.426

■ 30, 36.186,
350.426

■ 28, 40.680,
352.297

■ 33, 30.908,
348.882

■ 26, 44.123,
354.607

■ 35, 25.134,
347.576

■ 25, 46.332,
357.498

■ 39, 19.097,
346.444

■ 24, 47.810, 0.134

■ 42, 12.978,
345.443

■ 45, 6.898, 344.535

■ 49, 0.936, 343.476

■ 52, 4.864, 163.089

■ 56, 10.481,
162.381

■ 59, 15.907,
161.746

Harmonies

Complementary

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



30, 36.186, 350.426



44, 34.252, 157.091

Rectangle

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



30, 36.186, 350.426



30, 36.186, 40.426



30, 36.186, 170.426



30, 36.186, 220.426

Sweetspot

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



30, 36.184, 350.427



56, 13.455, 345.152



26, 47.432, 311.538



27, 9.313, 345.371



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



30, 36.184, 350.427



36, 51.420, 353.236



29, 35.345, 25.990



23, 3.351, 344.311



25, 49.388, 0.352



54, 83.349, 2.883

Inverse Universe

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



30, 36.184, 350.427



36, 51.420, 353.236



45, 23.142, 195.099



23, 3.351, 344.311



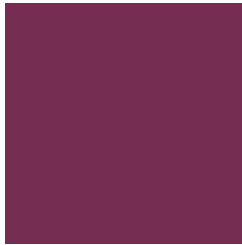
25, 49.388, 0.352



54, 83.349, 2.883

Previews

White Background



This preview shows how the CIE LCh color 30, 36.186, 350.426 looks on a white background.

Color Contrast Check

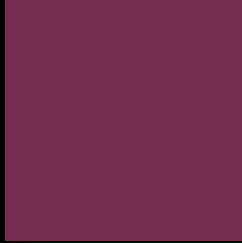
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 30, 36.186, 350.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

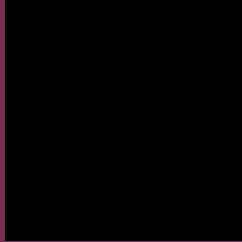
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 36.186, 350.426

Background



This preview shows how black text looks on a background with the CIELCh color 30, 36.186, 350.426.



This preview shows how white text looks on a background with the CIELCh color 30, 36.186, 350.426.

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

30, 36.186, 350.426

Protanopia

31, 17.388, 283.577

Deuteranopia

31, 5.196, 320.850



Tritanopia
30, 30.815, 22.406

Trichromacy



Original Color
30, 36.186, 350.426

Protanomaly
30, 21.065, 317.024

Deuteranomaly
30, 16.901, 342.844

Tritanomaly
30, 31.486, 9.550

Monochromacy



Original Color
30, 36.186, 350.426

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 14.119, 346.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 36.186, 350.426 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(117, 45, 81)` looks like.

```
.text, #text, p{  
    color:rgb(117, 45, 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(117, 45, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 45, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 36.186, 350.426 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(117, 45, 81) }
```

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

```
.border{ border-color:rgb(117, 45, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 45, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 45, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 45, 81);  
box-shadow:4px 4px 4px 4px rgb(117, 45,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 36.186, 350.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 45, 81) }
```

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

```
.background{ background-color: rgb(117, 45,  
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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