

Converting Colors

CIELCh(36, 34.037, 326.045)

Have a look what the booklet for
CIELCh(36, 34.037, 326.045)
contains.

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Color

CIELCh(36, 33.845, 326.516)

Conversions

Conversions Part 1

Format	Color
Hex	734473
RGB	115, 68, 115
RGB Percent	45%, 27%, 45%
CMY	0.5492, 0.7335, 0.5492
CMYK	0.00, 0.41, 0.00, 0.55
HSL	300°, 26%, 36%
HSV	300°, 41%, 45%
XYZ	12.2214, 9.0082, 17.3016
YIQ	87.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

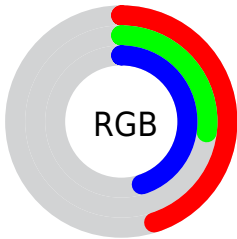
Format	Color
R _Y B	115, 68, 115
Decimal	7554163
CIE Lab	36.00, 28.23, -18.67
CIE LCh	36, 33.845, 326.516
Yxy	9.0082, 0.3172, 0.2338
Android (android.graphics.Color)	4285744243 (0xFF734473)
YUV	87.4110, 13.6014, 24.1956
Hunter-Lab	30.0136, 20.1606, -13.1688

Details

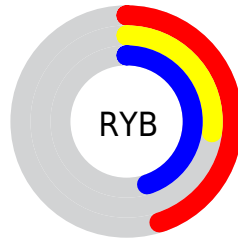
The CIELCh color **36, 33.845, 326.516** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 33.902, 141.520**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 34.080, 326.601**, and **16, 33.784, 326.036** is the 20% darker color. If you saturate the color by 10%, you get **33, 41.474, 326.966**, and if you desaturate by 10%, it is **39, 25.756, 326.029**.

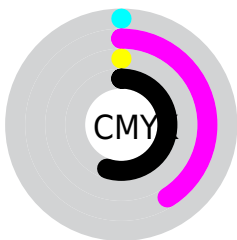
Distribution



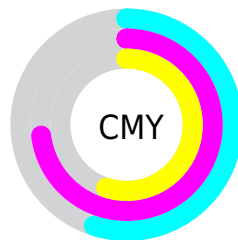
- Red (45%)
- Green (27%)
- Blue (45%)



- Red (45%)
- Yellow (27%)
- Blue (45%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (55%)





- Cyan (55%)
- Magenta (73%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 33.845, 326.516 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, 33.845, 326.516 by changing the saturation by 10% instead.


 36, 33.845,
326.516


 36, 33.845,
326.516

 100, 33.845,
326.516


 26, 33.845,
326.516

 56, 33.845,
326.516


 16, 33.845,
326.516


 66, 33.845,
326.516

 6, 33.845, 326.516

 76, 33.845,
326.516

 0, 33.845, 326.516

 86, 33.845,
326.516

 96, 33.845,
326.516

36, 33.845,
326.516

36, 33.845,
326.516

33, 41.474,
326.966

39, 25.756,
326.029

31, 48.379,
327.362

42, 17.437,
325.517

29, 54.263,
327.693

45, 9.055, 324.988

28, 58.863,
327.946

48, 0.733, 324.253

51, 7.449, 144.000

27, 62.009,
328.116

55, 15.439,
143.492

26, 64.184,
328.232

58, 23.211,
143.012

62, 30.750,
142.556

■ 65, 38.054,
142.125

Harmonies

Complementary

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



36, 33.845, 326.516



44, 33.902, 141.520

Rectangle

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



36, 33.845, 326.516



36, 33.845, 16.516



36, 33.845, 146.516



36, 33.845, 196.516

Sweetspot

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



36, 33.843, 326.516



57, 12.458, 325.065



31, 29.411, 294.730



29, 8.332, 325.116



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



36, 33.843, 326.516



44, 49.851, 326.940



35, 24.611, 346.518



23, 4.757, 324.889



28, 67.130, 328.232



59, 113.811, 328.232

Inverse Universe

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



34, 22.035, 23.127



42, 33.873, 24.690



45, 23.595, 158.988



23, 2.751, 19.863



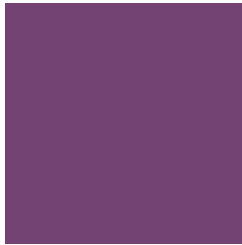
24, 59.042, 37.988



52, 102.986, 40.000

Previews

White Background



This preview shows how the CIELCh color 36, 33.845, 326.516 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 36, 33.845, 326.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

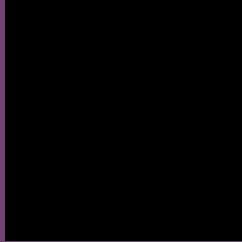
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 33.845, 326.516

Background



This preview shows how black text looks on a background with the CIELCh color 36, 33.845, 326.516.



This preview shows how white text looks on a background with the CIELCh color 36, 33.845, 326.516.

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, 33.845, 326.516

Protanopia

36, 26.844, 284.555

Deuteranopia

36, 17.417, 286.912



Tritanopia
36, 16.439, 9.221

Trichromacy



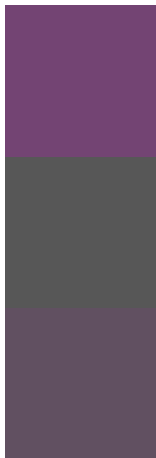
Original Color
36, 33.845, 326.516

Protanomaly
36, 28.229, 300.291

Deuteranomaly
36, 22.514, 307.158

Tritanomaly
36, 21.173, 345.459

Monochromacy



Original Color
36, 33.845, 326.516

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 12.714, 325.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 33.845, 326.516 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(115, 68, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 68, 115)  
}
```

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(115, 68, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 68, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 33.845, 326.516 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(115, 68, 115) }
```

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

```
.border{ border-color:rgb(115, 68, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 68, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 68, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 68, 115);  
box-shadow:4px 4px 4px 4px rgb(115, 68,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 33.845, 326.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 68, 115) }
```

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

```
.background{ background-color: rgb(115, 68,  
115) }
```

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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