

Converting Colors

CIELCh(36, 29.485, 334.036)

Have a look what the booklet for
CIELCh(36, 29.485, 334.036)
contains.

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Color

CIELCh(36, 29.505, 334.219)

Conversions

Conversions Part 1

Format	Color
Hex	75456A
RGB	117, 69, 106
RGB Percent	46%, 27%, 42%
CMY	0.5425, 0.7307, 0.5856
CMYK	0.00, 0.41, 0.09, 0.54
HSL	314°, 26%, 36%
HSV	314°, 41%, 46%
XYZ	11.9818, 9.0082, 14.6517
YIQ	87.5700, 16.7310, 21.6830

Conversions

Conversions Part 2

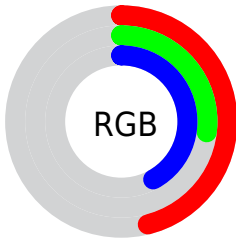
Format	Color
R_{YB}	117, 69, 106
Decimal	7685482
CIE _{Lab}	36.00, 26.57, -12.83
CIE _{LCh}	36, 29.505, 334.219
Yxy	9.0082, 0.3362, 0.2527
Android (android.graphics.Color)	4285875562 (0xFF75456A)
YUV	87.5700, 9.0860, 25.8101
Hunter-Lab	30.0136, 18.7358, -7.9340

Details

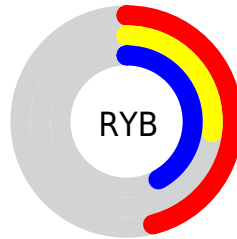
The CIELCh color **36, 29.505, 334.219** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45, 29.360, 148.304**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 29.612, 334.388**, and **16, 29.553, 333.701** is the 20% darker color. If you saturate the color by 10%, you get **33, 36.149, 334.944**, and if you desaturate by 10%, it is **39, 22.466, 333.527**.

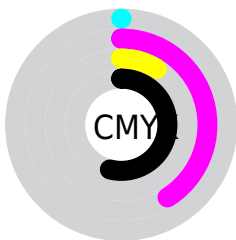
Distribution



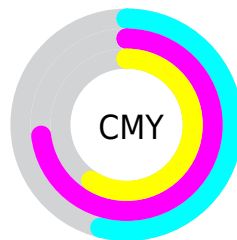
- Red (46%)
- Green (27%)
- Blue (42%)



- Red (46%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (9%)
- Black (54%)





- Cyan (54%)
- Magenta (73%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 29.505, 334.219 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, 29.505, 334.219 by changing the saturation by 10% instead.


 36, 29.505,
334.219


 36, 29.505,
334.219

 100, 29.505,
334.219


 26, 29.505,
334.219

 56, 29.505,
334.219


 16, 29.505,
334.219


 66, 29.505,
334.219

 6, 29.505, 334.219

 76, 29.505,
334.219

 0, 29.505, 334.219

 86, 29.505,
334.219

 96, 29.505,
334.219

36, 29.505,
334.219

36, 29.505,
334.219

33, 36.149,
334.944

39, 22.466,
333.527

31, 42.141,
335.708

42, 15.244,
332.860

29, 47.176,
336.528

45, 7.990, 332.213

27, 50.965,
337.429

49, 0.805, 331.367

52, 6.245, 151.086

26, 53.302,
338.445

56, 13.123,
150.515

25, 54.729,
339.397

59, 19.810,
149.984

63, 26.300,
149.484

■ 66, 32.594,
149.011

Harmonies

Complementary

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



36, 29.505, 334.219



45, 29.360, 148.304

Rectangle

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



36, 29.505, 334.219



36, 29.505, 24.219



36, 29.505, 154.219



36, 29.505, 204.219

Sweetspot

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



36, 29.503, 334.219



57, 10.625, 332.289



32, 30.671, 301.983



29, 7.106, 332.350



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, 29.503, 334.219



44, 42.752, 334.876



35, 22.566, 1.872



23, 4.056, 332.078



27, 56.601, 339.468



56, 95.118, 340.255

Inverse Universe

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



36, 29.503, 334.219



44, 42.752, 334.876



45, 19.915, 173.126



23, 4.056, 332.078



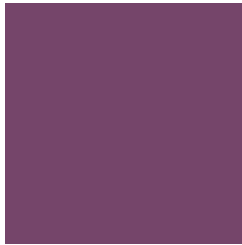
27, 56.601, 339.468



56, 95.118, 340.255

Previews

White Background



This preview shows how the CIELCh color 36, 29.505, 334.219 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, 29.505, 334.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

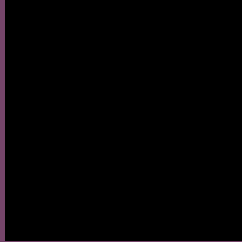
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 29.505, 334.219

Background



This preview shows how black text looks on a background with the CIELCh color 36, 29.505, 334.219.



This preview shows how white text looks on a background with the CIELCh color 36, 29.505, 334.219.

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, 29.505, 334.219

Protanopia

36, 20.608, 284.589

Deuteranopia

36, 12.451, 293.994



Tritanopia
36, 18.256, 10.887

Trichromacy



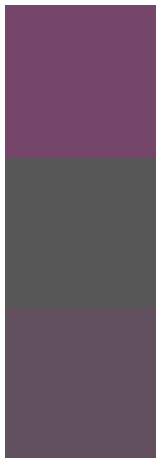
Original Color
36, 29.505, 334.219

Protanomaly
36, 22.361, 305.236

Deuteranomaly
36, 17.762, 316.487

Tritanomaly
36, 21.119, 353.555

Monochromacy



Original Color
36, 29.505, 334.219

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 11.527, 332.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 29.505, 334.219 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, 69, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 69, 106)  
}
```

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, 69, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 69, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 29.505, 334.219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

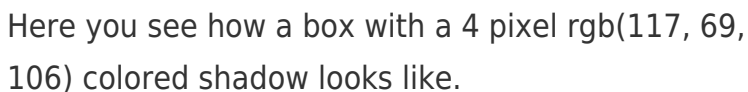
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 69, 106) }
```

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

```
.border{ border-color:rgb(117, 69, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 69, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 69, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 69, 106); box-shadow:4px 4px 4px 4px rgb(117, 69, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 29.505, 334.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 69, 106) }
```

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

```
.background{ background-color: rgb(117, 69,  
106) }
```

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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