

Converting Colors

CIELCh(36, 30.368, 330.501)

Have a look what the booklet for
CIELCh(36, 30.368, 330.501)
contains.

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Color

CIELCh(36, 30.368, 330.501)

Conversions

Conversions Part 1

Format	Color
Hex	73456D
RGB	115, 69, 109
RGB Percent	45%, 27%, 43%
CMY	0.5490, 0.7293, 0.5725
CMYK	0.00, 0.40, 0.05, 0.55
HSL	308°, 25%, 36%
HSV	308°, 40%, 45%
XYZ	11.9622, 9.0082, 15.5802
YIQ	87.3140, 14.5760, 22.1920

Conversions

Conversions Part 2

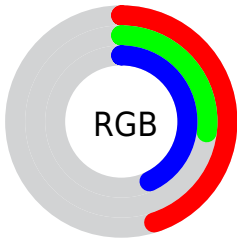
Format	Color
R_{YB}	115, 69, 109
Decimal	7554413
CIE _{Lab}	36.00, 26.43, -14.95
CIE _{LCh}	36, 30.368, 330.501
Yxy	9.0082, 0.3273, 0.2465
Android (android.graphics.Color)	4285744493 (0xFF73456D)
YUV	87.3140, 10.6912, 24.2806
Hunter-Lab	30.0136, 18.6191, -9.7682

Details

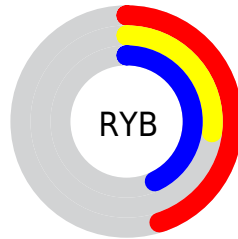
The CIELCh color **36, 30.368, 330.501** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 30.361, 145.236**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 30.792, 330.284**, and **16, 30.314, 331.157** is the 20% darker color. If you saturate the color by 10%, you get **33, 37.426, 331.083**, and if you desaturate by 10%, it is **39, 22.914, 329.916**.

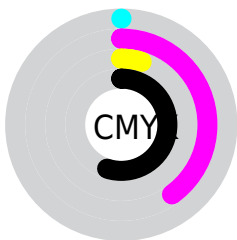
Distribution



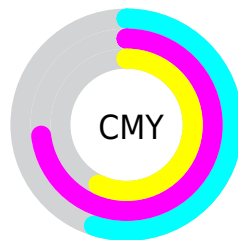
- Red (45%)
- Green (27%)
- Blue (43%)



- Red (45%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (55%)





- Cyan (55%)
- Magenta (73%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 30.368, 330.501 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, 30.368, 330.501 by changing the saturation by 10% instead.


 36, 30.368,
330.501


 36, 30.368,
330.501

 100, 30.368,
330.501


 26, 30.368,
330.501

 56, 30.368,
330.501


 16, 30.368,
330.501


 66, 30.368,
330.501

 6, 30.368, 330.501

 76, 30.368,
330.501

 0, 30.368, 330.501

 86, 30.368,
330.501

 96, 30.368,
330.501

36, 30.368,
330.501

36, 30.368,
330.501

33, 37.426,
331.083

39, 22.914,
329.916

31, 43.831,
331.659

42, 15.275,
329.332

29, 49.289,
332.226

45, 7.603, 328.749

27, 53.515,
332.790

48, 0.004, 256.092

52, 7.461, 147.704

26, 56.303,
333.360

55, 14.745,
147.172

25, 58.210,
333.933

59, 21.828,
146.671

25, 58.211,
333.933

62, 28.703,
146.197

■ 66, 35.371,
145.748

Harmonies

Complementary

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



36, 30.368, 330.501



44, 30.361, 145.236

Rectangle

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



36, 30.368, 330.501



36, 30.368, 20.501



36, 30.368, 150.501



36, 30.368, 200.501

Sweetspot

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



36, 30.366, 330.501



57, 11.390, 328.885



32, 29.307, 298.733



29, 7.617, 328.941



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, 30.366, 330.501



44, 44.837, 331.041



35, 22.487, 354.707



23, 4.349, 328.693



27, 60.822, 333.976



57, 102.561, 334.342

Inverse Universe

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



36, 30.366, 330.501



44, 44.837, 331.041



45, 20.745, 166.565



23, 4.349, 328.693



27, 60.822, 333.976



57, 102.561, 334.342

Previews

White Background



This preview shows how the CIELCh color 36, 30.368, 330.501 looks on a white background.

Color Contrast Check

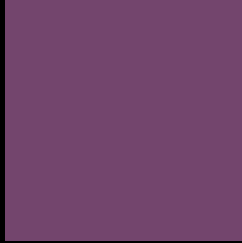
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.368, 330.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

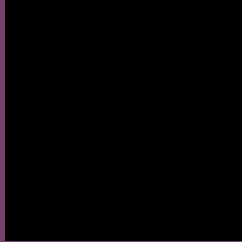
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 30.368, 330.501

Background



This preview shows how black text looks on a background with the CIELCh color 36, 30.368, 330.501.



This preview shows how white text looks on a background with the CIELCh color 36, 30.368, 330.501.

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, 30.368, 330.501

Protanopia

36, 22.464, 284.878

Deuteranopia

36, 14.297, 290.966



Tritanopia
36, 16.883, 9.653

Trichromacy



Original Color
36, 30.368, 330.501

Protanomaly
36, 23.400, 302.872

Deuteranomaly
36, 19.191, 312.012

Tritanomaly
36, 20.248, 349.826

Monochromacy



Original Color
36, 30.368, 330.501

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 11.731, 328.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 30.368, 330.501 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, 69, 109)` looks like.

```
.text, #text, p{  
    color:rgb(115, 69, 109)  
}
```

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, 69, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 69, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 30.368, 330.501 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, 69, 109) }
```

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

```
.border{ border-color:rgb(115, 69, 109) }
```

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

Here you see how a box with a 4 pixel rgb(115, 69, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 69, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 69, 109);  
box-shadow:4px 4px 4px 4px rgb(115, 69,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 30.368, 330.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 69, 109) }
```

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

```
.background{ background-color: rgb(115, 69,  
109) }
```

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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