

Converting Colors

CIELCh(36, 36.221, 339.167)

Have a look what the booklet for
CIELCh(36, 36.221, 339.167)
contains.

CIELCh(36, 36.442, 339.201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(36, 36.442, 339.201)

Conversions

Conversions Part 1

Format	Color
Hex	7F3E6A
RGB	127, 62, 106
RGB Percent	50%, 24%, 42%
CMY	0.5018, 0.7567, 0.5841
CMYK	0.00, 0.51, 0.17, 0.50
HSL	319°, 34%, 37%
HSV	319°, 51%, 50%
XYZ	13.0895, 9.0082, 14.6978
YIQ	86.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

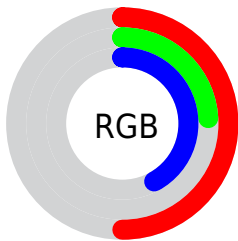
Format	Color
R_{YB}	127, 62, 106
Decimal	8339050
CIE _{Lab}	36.00, 34.07, -12.94
CIE _{LCh}	36, 36.442, 339.201
Yxy	9.0082, 0.3557, 0.2448
Android (android.graphics.Color)	4286529130 (0xFF7F3E6A)
YUV	86.4510, 9.6377, 35.5615
Hunter-Lab	30.0136, 25.3234, -8.0252

Details

The CIELCh color **36, 36.442, 339.201** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48, 36.021, 150.558**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 36.219, 339.286**, and **16, 36.589, 339.173** is the 20% darker color. If you saturate the color by 10%, you get **33, 42.484, 340.209**, and if you desaturate by 10%, it is **39, 29.723, 338.294**.

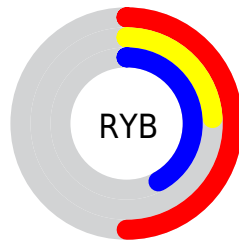
Distribution



Red (50%)

Green (24%)

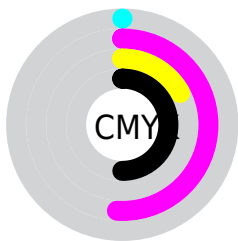
Blue (42%)



Red (50%)

Yellow (24%)

Blue (42%)

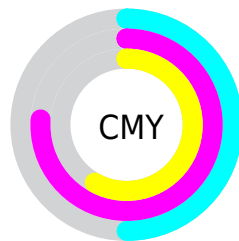


Cyan (0%)

Magenta (51%)

Yellow (17%)

Black (50%)



Cyan (50%)


Magenta (76%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 36.442, 339.201 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, 36.442, 339.201 by changing the saturation by 10% instead.


 36, 36.442,
339.201


 36, 36.442,
339.201

 100, 36.442,
339.201


 26, 36.442,
339.201

 56, 36.442,
339.201


 16, 36.442,
339.201


 66, 36.442,
339.201

 6, 36.442, 339.201

 76, 36.442,
339.201

 0, 36.442, 339.201

 86, 36.442,
339.201

 96, 36.442,
339.201

36, 36.442,
339.201

36, 36.442,
339.201

33, 42.484,
340.209

39, 29.723,
338.294

31, 47.528,
341.356

42, 22.616,
337.462

29, 51.257,
342.694

46, 15.337,
336.689

28, 53.451,
344.297

49, 8.042, 335.956

27, 54.628,
345.861

53, 0.833, 335.016

56, 6.225, 154.720

60, 13.098,
154.103

64, 19.769,
153.536

■ 68, 26.235,
153.004

Harmonies

Complementary

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



36, 36.442, 339.201



48, 36.021, 150.558

Rectangle

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



36, 36.442, 339.201



36, 36.442, 29.201



36, 36.442, 159.201



36, 36.442, 209.201

Sweetspot

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



36, 36.440, 339.202



61, 13.472, 336.260



31, 41.742, 306.010



31, 9.273, 336.390



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



36, 36.440, 339.202



44, 52.441, 340.348



35, 29.946, 11.284



25, 4.066, 335.807



27, 54.763, 345.870



0, 0.000, 0.000

Inverse Universe

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



36, 36.440, 339.202



44, 52.441, 340.348



49, 23.914, 179.774



25, 4.066, 335.807



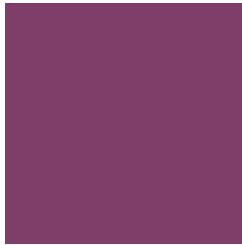
27, 54.763, 345.870



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 36, 36.442, 339.201 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, 36.442, 339.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

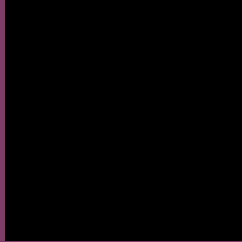
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 36.442, 339.201

Background



This preview shows how black text looks on a background with the CIELCh color 36, 36.442, 339.201.



This preview shows how white text looks on a background with the CIELCh color 36, 36.442, 339.201.

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, 36.442, 339.201

Protanopia

36, 23.713, 284.826

Deuteranopia

36, 11.856, 295.899



Tritanopia
36, 25.289, 16.952

Trichromacy



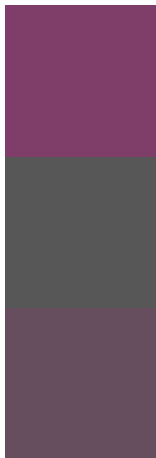
Original Color
36, 36.442, 339.201

Protanomaly
36, 25.813, 308.209

Deuteranomaly
35, 20.144, 322.733

Tritanomaly
36, 27.957, 358.944

Monochromacy



Original Color
36, 36.442, 339.201

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 14.146, 337.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 36.442, 339.201 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(127, 62, 106)` looks like.

```
.text, #text, p{  
    color:rgb(127, 62, 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(127, 62, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 62, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 36.442, 339.201 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(127, 62, 106) }
```

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

```
.border{ border-color:rgb(127, 62, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 62, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 62, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 62, 106);  
box-shadow:4px 4px 4px 4px rgb(127, 62,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 36.442, 339.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 62, 106) }
```

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

```
.background{ background-color: rgb(127, 62,  
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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