

Converting Colors

CIELCh(36, 40.877, 331.258)

Have a look what the booklet for
CIELCh(36, 40.877, 331.258)
contains.

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Color

CIELCh(36, 41.056, 330.986)

Conversions

Conversions Part 1

Format	Color
Hex	7D3D75
RGB	125, 61, 117
RGB Percent	49%, 24%, 46%
CMY	0.5093, 0.7603, 0.5407
CMYK	0.00, 0.51, 0.06, 0.51
HSL	308°, 34%, 37%
HSV	308°, 51%, 49%
XYZ	13.3708, 9.0082, 17.9030
YIQ	86.5200, 20.1680, 30.9840

Conversions

Conversions Part 2

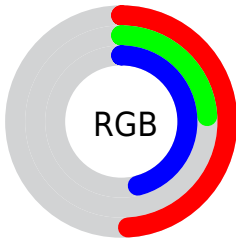
Format	Color
R_{YB}	125, 61, 117
Decimal	8207733
CIE _{Lab}	36.00, 35.90, -19.91
CIE _{LCh}	36, 41.056, 330.986
Yxy	9.0082, 0.3319, 0.2236
Android (android.graphics.Color)	4286397813 (0xFF7D3D75)
YUV	86.5200, 15.0266, 33.7470
Hunter-Lab	30.0136, 26.9962, -14.3567

Details

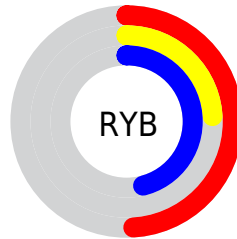
The CIELCh color **36, 41.056, 330.986** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 41.261, 143.847**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 40.969, 331.046**, and **16, 40.827, 331.372** is the 20% darker color. If you saturate the color by 10%, you get **34, 47.797, 331.556**, and if you desaturate by 10%, it is **39, 33.553, 330.407**.

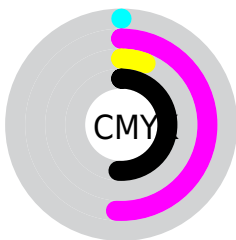
Distribution



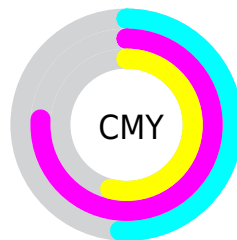
- Red (49%)
- Green (24%)
- Blue (46%)



- Red (49%)
- Yellow (24%)
- Blue (46%)



- Cyan (0%)
- Magenta (51%)
- Yellow (6%)
- Black (51%)




- Cyan (51%)
- Magenta (76%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 41.056, 330.986 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, 41.056, 330.986 by changing the saturation by 10% instead.


 36, 41.056,
330.986


 36, 41.056,
330.986

 100, 41.056,
330.986


 26, 41.056,
330.986

 56, 41.056,
330.986


 16, 41.056,
330.986


 66, 41.056,
330.986

 6, 41.056, 330.986

 76, 41.056,
330.986

 0, 41.056, 330.986

 86, 41.056,
330.986

 96, 41.056,
330.986

36, 41.056,
330.986

36, 41.056,
330.986

34, 47.797,
331.556

39, 33.553,
330.407

31, 53.458,
332.116

42, 25.585,
329.822

30, 57.737,
332.668

45, 17.387,
329.236

29, 60.436,
333.226

49, 9.131, 328.651

52, 0.940, 327.894

28, 62.032,
333.721

56, 7.107, 147.596

59, 14.964,
147.056

63, 22.605,
146.550

■ 67, 30.020,
146.070

Harmonies

Complementary

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



36, 41.056, 330.986



47, 41.261, 143.847

Rectangle

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



36, 41.056, 330.986



36, 41.056, 20.986



36, 41.056, 150.986



36, 41.056, 200.986

Sweetspot

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



36, 41.054, 330.986



61, 15.295, 328.898



30, 41.032, 300.324



30, 10.389, 328.998



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



36, 41.054, 330.986



44, 58.986, 331.631



35, 30.752, 356.521



25, 4.681, 328.531



29, 62.863, 333.733



0, 0.000, 0.000

Inverse Universe

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



36, 41.054, 330.986



44, 58.986, 331.631



48, 27.784, 165.123



25, 4.681, 328.531



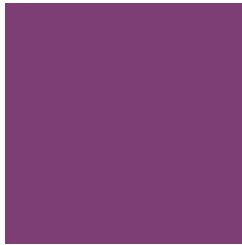
29, 62.863, 333.733



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 36, 41.056, 330.986 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 CIE LCh color 36, 41.056, 330.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

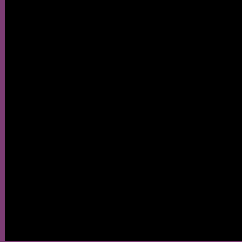
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 41.056, 330.986

Background



This preview shows how black text looks on a background with the CIELCh color 36, 41.056, 330.986.



This preview shows how white text looks on a background with the CIELCh color 36, 41.056, 330.986.

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, 41.056, 330.986

Protanopia

36, 31.783, 285.082

Deuteranopia

36, 18.060, 286.114



Tritanopia
36, 22.450, 15.478

Trichromacy



Original Color
36, 41.056, 330.986

Protanomaly
36, 33.318, 302.327

Deuteranomaly
36, 25.402, 310.227

Tritanomaly
36, 27.253, 351.992

Monochromacy



Original Color
36, 41.056, 330.986

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 15.640, 329.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 41.056, 330.986 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(125, 61, 117)` looks like.

```
.text, #text, p{  
    color:rgb(125, 61, 117)  
}
```

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(125, 61, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 61, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 41.056, 330.986 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(125, 61, 117) }
```

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

```
.border{ border-color:rgb(125, 61, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 61, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 61, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 61, 117); box-shadow:4px 4px 4px 4px rgb(125, 61, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 41.056, 330.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 61, 117) }
```

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

```
.background{ background-color: rgb(125, 61,  
117) }
```

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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