

Converting Colors

CIELCh(35, 37.311, 341.695)

Have a look what the booklet for
CIELCh(35, 37.311, 341.695)
contains.

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Color

CIELCh(35, 37.496, 341.485)

Conversions

Conversions Part 1

Format	Color
Hex	7F3A66
RGB	127, 58, 102
RGB Percent	50%, 23%, 40%
CMY	0.5019, 0.7725, 0.6000
CMYK	0.00, 0.54, 0.20, 0.50
HSL	322°, 37%, 36%
HSV	322°, 54%, 50%
XYZ	12.6649, 8.4984, 13.5443
YIQ	83.6470, 27.0000, 28.3120

Conversions

Conversions Part 2

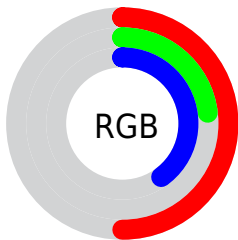
Format	Color
R_{YB}	127, 58, 102
Decimal	8338022
CIE _{Lab}	35.00, 35.56, -11.91
CIE _{LCh}	35, 37.496, 341.485
Yxy	8.4984, 0.3649, 0.2449
Android (android.graphics.Color)	4286528102 (0xFF7F3A66)
YUV	83.6470, 9.0480, 38.0206
Hunter-Lab	29.1520, 26.5325, -7.1404

Details

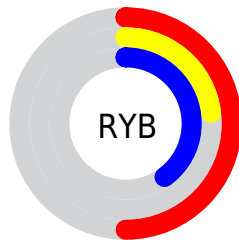
The CIELCh color $[35, 37.496, 341.485]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[48, 36.869, 151.722]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 37.641, 341.708]$, and $[15, 37.275, 341.369]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 43.147, 342.655]$, and if you desaturate by 10%, it is $[38, 31.094, 340.459]$.

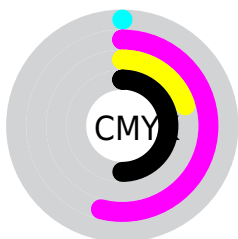
Distribution



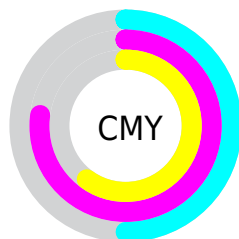
- Red (50%)
- Green (23%)
- Blue (40%)



- Red (50%)
- Yellow (23%)
- Blue (40%)



- Cyan (0%)
- Magenta (54%)
- Yellow (20%)
- Black (50%)





- Cyan (50%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 37.496, 341.485 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 35, 37.496, 341.485 by changing the saturation by 10% instead.


 35, 37.496,
341.485


 35, 37.496,
341.485

 100, 37.496,
341.485


 25, 37.496,
341.485

 55, 37.496,
341.485


 15, 37.496,
341.485


 65, 37.496,
341.485

 5, 37.496, 341.485

 75, 37.496,
341.485

 0, 37.496, 341.485

 85, 37.496,
341.485

 95, 37.496,
341.485

■ 35, 37.496,
341.485

■ 35, 37.496,
341.485

■ 32, 43.147,
342.655

■ 38, 31.094,
340.459

■ 30, 47.724,
344.020

■ 41, 24.243,
339.537

■ 29, 50.930,
345.657

■ 44, 17.175,
338.694

■ 28, 52.644,
347.644

■ 48, 10.061,
337.911

■ 27, 53.415,
348.821

■ 52, 3.014, 337.133

■ 55, 3.894, 156.615

■ 59, 10.624,
155.946

■ 63, 17.156,
155.350

■ 67, 23.484,
154.794

Harmonies

Complementary

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



35, 37.496, 341.485



48, 36.869, 151.722

Rectangle

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



35, 37.496, 341.485



35, 37.496, 31.485



35, 37.496, 161.485



35, 37.496, 211.485

Sweetspot

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



35, 37.494, 341.486



61, 13.989, 338.068



30, 44.506, 307.244



31, 9.529, 338.199



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



35, 37.494, 341.486



42, 53.755, 342.939



34, 31.936, 14.521



25, 3.954, 337.515



27, 53.561, 348.832



0, 0.000, 0.000

Inverse Universe

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



35, 37.494, 341.486



42, 53.755, 342.939



49, 24.478, 182.354



25, 3.954, 337.515



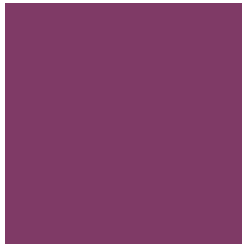
27, 53.561, 348.832



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 37.496, 341.485 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 35, 37.496, 341.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

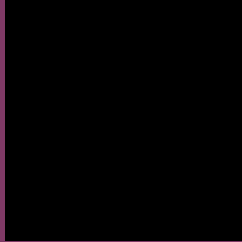
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 37.496, 341.485

Background



This preview shows how black text looks on a background with the CIELCh color 35, 37.496, 341.485.



This preview shows how white text looks on a background with the CIELCh color 35, 37.496, 341.485.

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

35, 37.496, 341.485

Protanopia

35, 23.198, 284.562

Deuteranopia

35, 10.703, 298.353



Tritanopia
35, 27.346, 18.013

Trichromacy



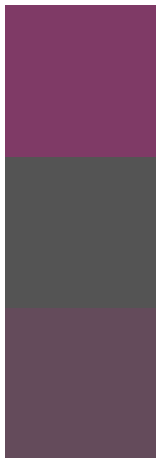
Original Color
35, 37.496, 341.485

Protanomaly
34, 26.042, 309.081

Deuteranomaly
35, 19.607, 326.843

Tritanomaly
35, 29.650, 1.066

Monochromacy



Original Color
35, 37.496, 341.485

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 14.525, 338.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 37.496, 341.485 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, 58, 102)` looks like.

```
.text, #text, p{  
    color:rgb(127, 58, 102)  
}
```

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, 58, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 58, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 37.496, 341.485 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, 58, 102) }
```

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

```
.border{ border-color:rgb(127, 58, 102) }
```

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

Here you see how a box with a 4 pixel rgb(127, 58, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 58, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 58, 102);  
box-shadow:4px 4px 4px 4px rgb(127, 58,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 37.496, 341.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 58, 102) }
```

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

```
.background{ background-color: rgb(127, 58,  
102) }
```

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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