

Converting Colors

CIELCh(35, 25.896, 334.415)

Have a look what the booklet for
CIELCh(35, 25.896, 334.415)
contains.

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Color

CIELCh(35, 25.977, 334.335)

Conversions

Conversions Part 1

Format	Color
Hex	6F4565
RGB	111, 69, 101
RGB Percent	44%, 27%, 40%
CMY	0.5662, 0.7308, 0.6054
CMYK	0.00, 0.38, 0.09, 0.57
HSL	314°, 23%, 35%
HSV	314°, 38%, 43%
XYZ	10.9432, 8.4984, 13.2791
YIQ	85.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

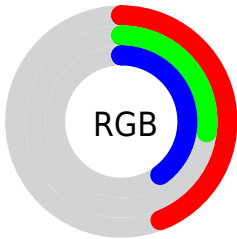
Format	Color
R_{YB}	111, 69, 101
Decimal	7292261
CIE _{Lab}	35.00, 23.41, -11.25
CIE _{LCh}	35, 25.977, 334.335
Yxy	8.4984, 0.3344, 0.2597
Android (android.graphics.Color)	4285482341 (0xFF6F4565)
YUV	85.2060, 7.7864, 22.6213
Hunter-Lab	29.1520, 15.9898, -6.6009

Details

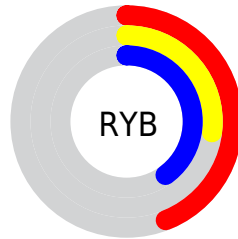
The CIELCh color **35, 25.977, 334.335** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43, 25.818, 148.963**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 25.939, 333.947**, and **15, 25.708, 334.535** is the 20% darker color. If you saturate the color by 10%, you get **32, 32.455, 335.057**, and if you desaturate by 10%, it is **38, 19.199, 333.646**.

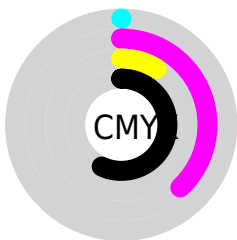
Distribution



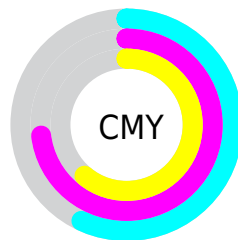
- Red (44%)
- Green (27%)
- Blue (40%)



- Red (44%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (57%)





- Cyan (57%)
- Magenta (73%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 25.977, 334.335 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, 25.977, 334.335 by changing the saturation by 10% instead.


 35, 25.977,
334.335


 35, 25.977,
334.335

 100, 25.977,
334.335


 25, 25.977,
334.335

 55, 25.977,
334.335


 15, 25.977,
334.335


 65, 25.977,
334.335

 5, 25.977, 334.335

 75, 25.977,
334.335

 0, 25.977, 334.335

 85, 25.977,
334.335

 95, 25.977,
334.335

35, 25.977,
334.335

35, 25.977,
334.335

32, 32.455,
335.057

38, 19.199,
333.646

30, 38.408,
335.820

41, 12.304,
332.983

28, 43.558,
336.637

44, 5.416, 332.334

26, 47.619,
337.531

47, 1.382, 151.922

51, 8.039, 151.226

25, 50.357,
338.536

54, 14.524,
150.670

24, 52.062,
339.638

57, 20.825,
150.149

24, 52.420,
339.860

61, 26.940,
149.657

■ 64, 32.871,
149.193

Harmonies

Complementary

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



35, 25.977, 334.335



43, 25.818, 148.963

Rectangle

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



35, 25.977, 334.335



35, 25.977, 24.335



35, 25.977, 154.335



35, 25.977, 204.335

Sweetspot

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



35, 25.975, 334.335



55, 9.267, 332.552



32, 26.960, 302.176



27, 6.187, 332.614



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



35, 25.975, 334.335



42, 38.440, 335.002



34, 19.770, 2.555



22, 3.882, 332.404



26, 55.427, 339.988



56, 93.782, 340.844

Inverse Universe

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



35, 25.975, 334.335



42, 38.440, 335.002



43, 17.511, 174.721



22, 3.882, 332.404



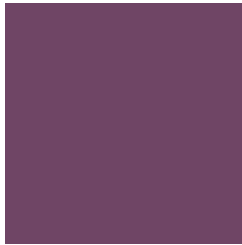
26, 55.427, 339.988



56, 93.782, 340.844

Previews

White Background



This preview shows how the CIE LCh color 35, 25.977, 334.335 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 35, 25.977, 334.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

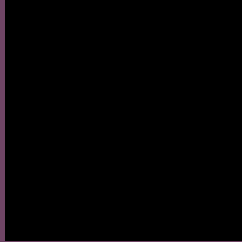
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 25.977, 334.335

Background



This preview shows how black text looks on a background with the CIELCh color 35, 25.977, 334.335.



This preview shows how white text looks on a background with the CIELCh color 35, 25.977, 334.335.

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, 25.977, 334.335

Protanopia

35, 17.557, 284.662

Deuteranopia

35, 10.662, 296.218



Tritanopia
35, 16.067, 8.841

Trichromacy



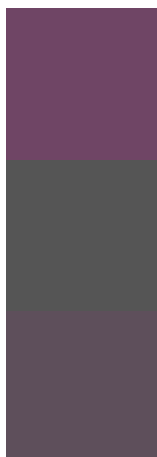
Original Color
35, 25.977, 334.335

Protanomaly
35, 19.317, 305.835

Deuteranomaly
35, 15.252, 317.472

Tritanomaly
35, 19.061, 351.549

Monochromacy



Original Color
35, 25.977, 334.335

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 9.818, 331.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 25.977, 334.335 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(111, 69, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 69, 101)  
}
```

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(111, 69, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 69, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 25.977, 334.335 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(111, 69, 101) }
```

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

```
.border{ border-color:rgb(111, 69, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 69, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 69, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 69, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 69,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 25.977, 334.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 69, 101) }
```

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

```
.background{ background-color: rgb(111, 69,  
101) }
```

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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