

Converting Colors

CIELCh(35, 43.971, 332.490)

Have a look what the booklet for
CIELCh(35, 43.971, 332.490)
contains.

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Color

CIELCh(35, 44.192, 332.863)

Conversions

Conversions Part 1

Format	Color
Hex	7F3773
RGB	127, 55, 115
RGB Percent	50%, 22%, 45%
CMY	0.5016, 0.7840, 0.5487
CMYK	0.00, 0.57, 0.09, 0.50
HSL	310°, 40%, 36%
HSV	310°, 57%, 50%
XYZ	13.2345, 8.4984, 17.1870
YIQ	83.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

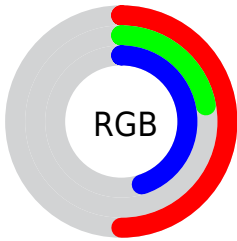
Format	Color
R_{YB}	127, 55, 115
Decimal	8337267
CIE _{Lab}	35.00, 39.33, -20.16
CIE _{LCh}	35, 44.192, 332.863
Yxy	8.4984, 0.3400, 0.2184
Android (android.graphics.Color)	4286527347 (0xFF7F3773)
YUV	83.3680, 15.5946, 38.2653
Hunter-Lab	29.1520, 30.0197, -14.5490

Details

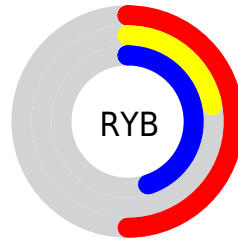
The CIELCh color **35, 44.192, 332.863** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **48, 44.539, 144.431**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 43.924, 333.140**, and **15, 44.225, 332.498** is the 20% darker color. If you saturate the color by 10%, you get **33, 50.273, 333.515**, and if you desaturate by 10%, it is **38, 37.174, 332.222**.

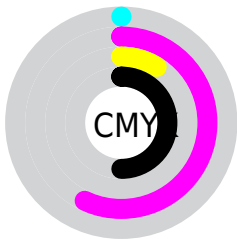
Distribution



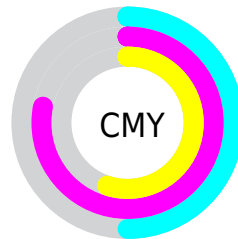
- Red (50%)
- Green (22%)
- Blue (45%)



- Red (50%)
- Yellow (22%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (9%)
- Black (50%)




- Cyan (50%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 44.192, 332.863 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, 44.192, 332.863 by changing the saturation by 10% instead.


 35, 44.192,
332.863

 35, 44.192,
332.863

 100, 44.192,
332.863

 25, 44.192,
332.863

 55, 44.192,
332.863

 15, 44.192,
332.863

 65, 44.192,
332.863

 5, 44.192, 332.863

 75, 44.192,
332.863

 0, 44.192, 332.863

 85, 44.192,
332.863

 95, 44.192,
332.863

35, 44.192,
332.863

35, 44.192,
332.863

33, 50.273,
333.515

38, 37.174,
332.222

31, 55.095,
334.188

41, 29.544,
331.590

29, 58.393,
334.896

44, 21.567,
330.967

29, 60.237,
335.654

47, 13.453,
330.353

28, 60.795,
335.906

51, 5.346, 329.738

54, 2.653, 149.287

58, 10.483,
148.677

62, 18.111,
148.143

■ 66, 25.520,
147.638

Harmonies

Complementary

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



35, 44.192, 332.863



48, 44.539, 144.431

Rectangle

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



35, 44.192, 332.863



35, 44.192, 22.863



35, 44.192, 152.863



35, 44.192, 202.863

Sweetspot

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



35, 44.190, 332.863



61, 17.066, 330.399



28, 46.440, 302.426



31, 11.510, 330.498



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, 44.190, 332.863



42, 62.927, 333.712



34, 33.804, 1.172



25, 4.546, 329.892



28, 60.935, 335.909



0, 0.000, 0.000

Inverse Universe

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



35, 44.190, 332.863



42, 62.927, 333.712



48, 29.399, 167.611



25, 4.546, 329.892



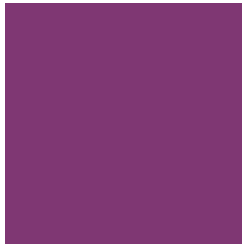
28, 60.935, 335.909



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 44.192, 332.863 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, 44.192, 332.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

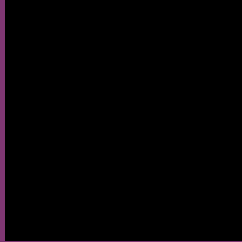
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 44.192, 332.863

Background



This preview shows how black text looks on a background with the CIELCh color 35, 44.192, 332.863.



This preview shows how white text looks on a background with the CIELCh color 35, 44.192, 332.863.

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, 44.192, 332.863

Protanopia

35, 35.018, 286.030

Deuteranopia

35, 18.131, 286.195



Tritanopia
35, 25.915, 17.341

Trichromacy



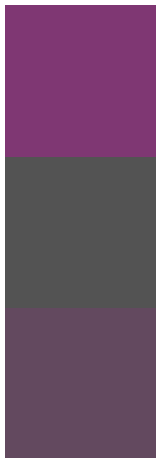
Original Color
35, 44.192, 332.863

Protanomaly
34, 36.019, 302.698

Deuteranomaly
34, 26.573, 313.179

Tritanomaly
35, 30.095, 354.953

Monochromacy



Original Color
35, 44.192, 332.863

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 17.460, 330.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 44.192, 332.863 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, 55, 115)` looks like.

```
.text, #text, p{  
    color:rgb(127, 55, 115)  
}
```

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, 55, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 55, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 44.192, 332.863 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, 55, 115) }
```

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

```
.border{ border-color:rgb(127, 55, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 55, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 55, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 55, 115);  
box-shadow:4px 4px 4px 4px rgb(127, 55,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 44.192, 332.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 55, 115) }
```

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

```
.background{ background-color: rgb(127, 55,  
115) }
```

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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