

Converting Colors

CIELCh(35, 43.213, 47.173)

Have a look what the booklet for
CIELCh(35, 43.213, 47.173) contains.

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Color

CIELCh(35, 43.323, 47.574)

Conversions

Conversions Part 1

Format	Color
Hex	863D20
RGB	134, 61, 32
RGB Percent	53%, 24%, 13%
CMY	0.4748, 0.7610, 0.8747
CMYK	0.00, 0.54, 0.76, 0.47
HSL	17°, 61%, 33%
HSV	17°, 76%, 53%
XYZ	11.7466, 8.4984, 2.3841
YIQ	79.5210, 52.8170, 6.4570

Conversions

Conversions Part 2

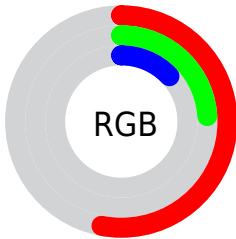
Format	Color
RYB	134, 73, 32
Decimal	8797472
CIELab	35.00, 29.23, 31.98
CIELCh	35, 43.323, 47.574
Yxy	8.4984, 0.5191, 0.3756
Android (android.graphics.Color)	4286987552 (0xFF863D20)
YUV	79.5210, -23.4279, 47.7781
Hunter-Lab	29.1520, 20.9096, 15.5576

Details

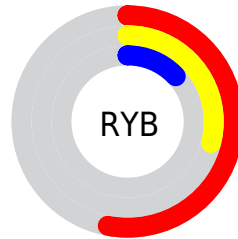
The CIELCh color **35, 43.323, 47.574** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41, 25.368, 242.127**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 43.342, 47.176**, and **15, 37.774, 38.282** is the 20% darker color. If you saturate the color by 10%, you get **33, 49.964, 47.558**, and if you desaturate by 10%, it is **37, 36.543, 47.509**.

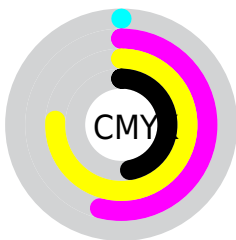
Distribution



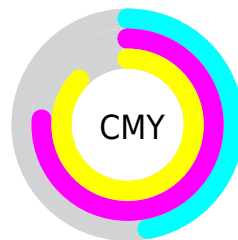
- Red (53%)
- Green (24%)
- Blue (13%)



- Red (53%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (54%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 43.323, 47.574 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, 43.323, 47.574 by changing the saturation by 10% instead.

■ 35, 43.323, 47.574

■ 35, 43.323, 47.574

■ 100, 43.323,
47.574

■ 25, 43.323, 47.574

■ 55, 43.323, 47.574

■ 15, 43.323, 47.574

■ 65, 43.323, 47.574

■ 5, 43.323, 47.574

■ 75, 43.323, 47.574

■ 0, 43.323, 47.574

■ 85, 43.323, 47.574

■ 95, 43.323, 47.574

■ 35, 43.323, 47.574

■ 35, 43.323, 47.574

■ 33, 49.964, 47.558

■ 37, 36.543, 47.509

31, 55.947, 47.257

40, 29.963, 47.514

31, 58.186, 47.281

42, 23.727, 47.642

45, 17.888, 47.895

48, 12.452, 48.255

51, 7.404, 48.694

54, 2.715, 49.134

57, 1.648, 230.085

60, 5.720, 230.532

Harmonies

Complementary

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



35, 43.323, 47.574



41, 25.368, 242.127

Rectangle

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



35, 43.323, 47.574



35, 43.323, 97.574



35, 43.323, 227.574



35, 43.323, 277.574

Sweetspot

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



35, 43.322, 47.577



62, 13.392, 48.365



32, 52.938, 339.846



31, 9.340, 48.236



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



35, 43.322, 47.577



42, 65.368, 47.311



48, 45.084, 90.250



26, 2.499, 49.017



30, 56.779, 47.264



0, 0.581, 49.616

Inverse Universe

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



41, 25.368, 242.127



50, 34.122, 248.719



26, 51.889, 294.344



27, 2.381, 230.314



37, 28.681, 251.538



0, 0.581, 229.635

Previews

White Background



This preview shows how the CIE LCh color 35, 43.323, 47.574 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, 43.323, 47.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

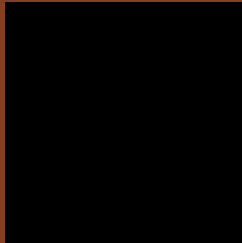
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 43.323, 47.574

Background



This preview shows how black text looks on a background with the CIELCh color 35, 43.323, 47.574.



This preview shows how white text looks on a background with the CIELCh color 35, 43.323, 47.574.

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, 43.323, 47.574

Protanopia

35, 27.502, 96.071

Deuteranopia

35, 33.825, 82.290



Tritanopia
35, 36.277, 23.508

Trichromacy



Original Color
35, 43.323, 47.574

Protanomaly
35, 29.582, 72.172

Deuteranomaly
35, 35.410, 66.308

Tritanomaly
35, 38.333, 33.878

Monochromacy



Original Color
35, 43.323, 47.574

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 14.503, 46.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 43.323, 47.574 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(134, 61, 32)` looks like.

```
.text, #text, p{  
    color:rgb(134, 61, 32)  
}
```

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(134, 61, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 61, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 43.323, 47.574 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(134, 61, 32) }
```

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

```
.border{ border-color:rgb(134, 61, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 61, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 61, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 61, 32);  
box-shadow:4px 4px 4px 4px rgb(134, 61,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 43.323, 47.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 61, 32) }
```

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

```
.background{ background-color: rgb(134, 61,  
32) }
```

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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