

Converting Colors

CIELCh(35, 48.266, 35.100)

Have a look what the booklet for
CIELCh(35, 48.266, 35.100) contains.

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Color

CIELCh(35, 48.266, 35.100)

Conversions

Conversions Part 1

Format	Color
Hex	913228
RGB	145, 50, 40
RGB Percent	57%, 20%, 16%
CMY	0.4304, 0.8030, 0.8424
CMYK	0.00, 0.65, 0.72, 0.43
HSL	6°, 57%, 36%
HSV	6°, 72%, 57%
XYZ	13.2592, 8.4984, 2.9661
YIQ	77.2650, 59.8300, 17.0300

Conversions

Conversions Part 2

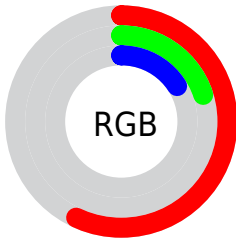
Format	Color
R_{YB}	145, 51, 40
Decimal	9515560
CIE _{Lab}	35.00, 39.49, 27.75
CIE _{LCh}	35, 48.266, 35.100
Yxy	8.4984, 0.5363, 0.3437
Android (android.graphics.Color)	4287705640 (0xFF913228)
YUV	77.2650, -18.3716, 59.4036
Hunter-Lab	29.1520, 30.1713, 14.3740

Details

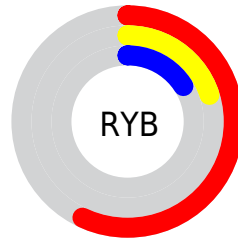
The CIELCh color **35, 48.266, 35.100** is a dark color, and the websafe version is hex **993333**, and the color name is **red kite (benitobi)**. A complement of this color would be **52, 26.979, 209.594**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 48.142, 34.841**, and **16, 44.375, 33.785** is the 20% darker color. If you saturate the color by 10%, you get **33, 55.820, 37.311**, and if you desaturate by 10%, it is **38, 40.540, 33.179**.

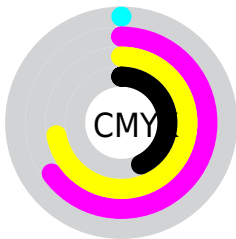
Distribution



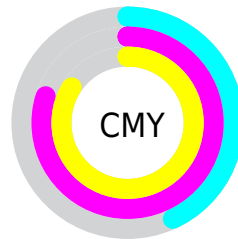
- Red (57%)
- Green (20%)
- Blue (16%)



- Red (57%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (72%)
- Black (43%)



- Cyan (43%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 48.266, 35.100 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, 48.266, 35.100 by changing the saturation by 10% instead.

35, 48.266, 35.100

35, 48.266, 35.100

100, 48.266,
35.100

25, 48.266, 35.100

55, 48.266, 35.100

15, 48.266, 35.100

65, 48.266, 35.100

5, 48.266, 35.100

75, 48.266, 35.100

0, 48.266, 35.100

85, 48.266, 35.100

95, 48.266, 35.100

35, 48.266, 35.100

35, 48.266, 35.100

33, 55.820, 37.311

38, 40.540, 33.179

31, 62.547, 39.414

41, 32.969, 31.636

30, 66.709, 40.851

44, 25.725, 30.453

48, 18.904, 29.573

52, 12.546, 28.929

55, 6.654, 28.453

59, 1.209, 27.855

63, 3.825, 208.142

67, 8.487, 207.969

Harmonies

Complementary

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



35, 48.266, 35.100



52, 26.979, 209.594

Rectangle

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



35, 48.266, 35.100



35, 48.266, 85.100



35, 48.266, 215.100



35, 48.266, 265.100

Sweetspot

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



35, 48.264, 35.103



66, 15.308, 28.935



37, 62.498, 330.638



33, 10.350, 29.070



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



35, 48.264, 35.103



42, 73.173, 38.728



46, 41.964, 74.091



28, 2.967, 28.321



28, 62.822, 40.562



1, 1.937, 28.158

Inverse Universe

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



52, 26.979, 209.594



65, 35.103, 211.365



36, 38.828, 279.870



29, 2.801, 208.084



47, 27.999, 212.826



2, 1.937, 208.176

Previews

White Background



This preview shows how the CIELCh color 35, 48.266, 35.100 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, 48.266, 35.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

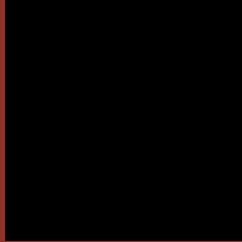
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 48.266, 35.100

Background



This preview shows how black text looks on a background with the CIELCh color 35, 48.266, 35.100.

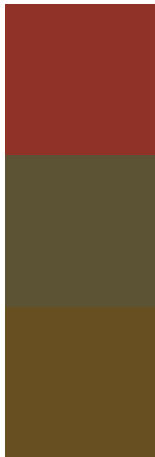


This preview shows how white text looks on a background with the CIELCh color 35, 48.266, 35.100.

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, 48.266, 35.100

Protanopia

35, 20.019, 95.603

Deuteranopia

35, 30.405, 80.516



Tritanopia
35, 46.135, 27.411

Trichromacy



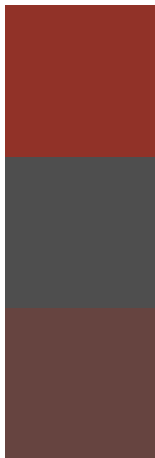
Original Color
35, 48.266, 35.100

Protanomaly
34, 25.731, 56.177

Deuteranomaly
35, 33.993, 57.395

Tritanomaly
35, 47.076, 30.164

Monochromacy



Original Color
35, 48.266, 35.100

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 16.399, 30.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 48.266, 35.100 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(145, 50, 40)` looks like.

```
.text, #text, p{  
    color:rgb(145, 50, 40)  
}
```

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(145, 50, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 50, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 48.266, 35.100 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(145, 50, 40) }
```

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

```
.border{ border-color:rgb(145, 50, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 50, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 50, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 50, 40);  
box-shadow:4px 4px 4px 4px rgb(145, 50,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 48.266, 35.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 50, 40) }
```

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

```
.background{ background-color: rgb(145, 50,  
40) }
```

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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