

Converting Colors

CIELCh(48, 34.307, 35.118)

Have a look what the booklet for
CIELCh(48, 34.307, 35.118) contains.

CIELCh(48, 34.233, 35.090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(48, 34.233, 35.090)

Conversions

Conversions Part 1

Format	Color
Hex	A65E52
RGB	166, 94, 82
RGB Percent	65%, 37%, 32%
CMY	0.3480, 0.6304, 0.6776
CMYK	0.00, 0.43, 0.51, 0.35
HSL	9°, 34%, 49%
HSV	9°, 51%, 65%
XYZ	21.3356, 16.7945, 10.1437
YIQ	114.1600, 46.7640, 11.5320

Conversions

Conversions Part 2

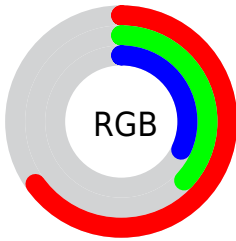
Format	Color
R_{YB}	166, 96, 82
Decimal	10903122
CIE _{Lab}	48.00, 28.01, 19.68
CIE _{LCh}	48, 34.233, 35.090
Yxy	16.7945, 0.4420, 0.3479
Android (android.graphics.Color)	4289093202 (0xFFA65E52)
YUV	114.1600, -15.8549, 45.4637
Hunter-Lab	40.9810, 21.2143, 14.0111

Details

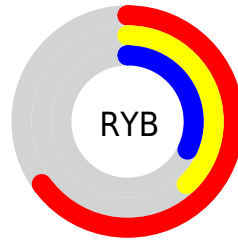
The CIELCh color **48, 34.233, 35.090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **60, 23.296, 214.664**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 34.535, 35.055**, and **28, 33.974, 35.331** is the 20% darker color. If you saturate the color by 10%, you get **45, 42.488, 36.208**, and if you desaturate by 10%, it is **52, 26.415, 34.275**.

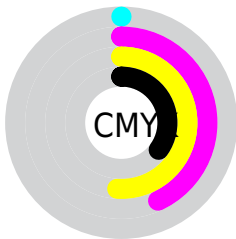
Distribution



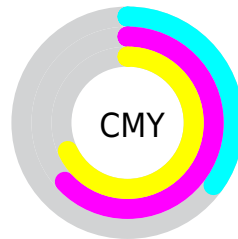
- Red (65%)
- Green (37%)
- Blue (32%)



- Red (65%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (43%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 34.233, 35.090 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 48, 34.233, 35.090 by changing the saturation by 10% instead.

 48, 34.233, 35.090

 48, 34.233, 35.090

 100, 34.233,
35.090

 38, 34.233, 35.090

 68, 34.233, 35.090

 28, 34.233, 35.090

 78, 34.233, 35.090

 18, 34.233, 35.090

 88, 34.233, 35.090

 8, 34.233, 35.090

 98, 34.233, 35.090

 0, 34.233, 35.090

 48, 34.233, 35.090

 48, 34.233, 35.090

 45, 42.488, 36.208

 52, 26.415, 34.275

 42, 51.025, 37.630

 56, 19.110, 33.706

39, 59.521, 39.272

60, 12.336, 33.333

37, 67.280, 40.799

64, 6.078, 33.092

36, 73.385, 42.106

68, 0.302, 31.497

72, 5.033, 213.198

77, 9.975, 213.229

81, 14.568,
213.341

85, 18.854,
213.497

Harmonies

Complementary

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



48, 34.233, 35.090



60, 23.296, 214.664

Rectangle

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



48, 34.233, 35.090



48, 34.233, 85.090



48, 34.233, 215.090



48, 34.233, 265.090

Sweetspot

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



48, 34.231, 35.094



79, 10.934, 33.196



48, 50.827, 331.319



41, 7.583, 33.245



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



48, 34.231, 35.094



57, 53.391, 36.413



58, 33.211, 81.705



33, 3.277, 33.065



31, 66.826, 41.989



2, 5.867, 30.966

Inverse Universe

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



60, 23.296, 214.664



74, 32.563, 215.777



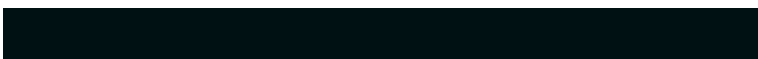
47, 32.277, 277.614



35, 3.090, 213.195



49, 29.102, 222.617



4, 5.597, 218.500

Previews

White Background



This preview shows how the CIELCh color 48, 34.233, 35.090 looks on a white background.

Color Contrast Check

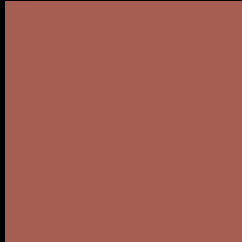
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 34.233, 35.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 34.233, 35.090

Background



This preview shows how black text looks on a background with the CIELCh color 48, 34.233, 35.090.



This preview shows how white text looks on a background with the CIELCh color 48, 34.233, 35.090.

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

48, 34.233, 35.090

Protanopia

48, 13.917, 93.729

Deuteranopia

48, 21.935, 74.741



Tritanopia
48, 32.784, 17.089

Trichromacy



Original Color
48, 34.233, 35.090

Protanomaly
48, 18.091, 58.217

Deuteranomaly
48, 24.792, 55.183

Tritanomaly
48, 32.931, 23.909

Monochromacy



Original Color
48, 34.233, 35.090

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 11.618, 35.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 34.233, 35.090 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(166, 94, 82)` looks like.

```
.text, #text, p{  
    color:rgb(166, 94, 82)  
}
```

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(166, 94, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 94, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 34.233, 35.090 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(166, 94, 82) }
```

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

```
.border{ border-color:rgb(166, 94, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 94, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 94, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 94, 82);  
box-shadow:4px 4px 4px 4px rgb(166, 94,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 34.233, 35.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 94, 82) }
```

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

```
.background{ background-color: rgb(166, 94,  
82) }
```

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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