

Converting Colors

CIELCh(34, 49.187, 53.216)

Have a look what the booklet for
CIELCh(34, 49.187, 53.216) contains.

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Color

CIELCh(34, 48.949, 53.130)

Conversions

Conversions Part 1

Format	Color
Hex	843A0F
RGB	132, 58, 15
RGB Percent	52%, 23%, 6%
CMY	0.4814, 0.7717, 0.9403
CMYK	0.00, 0.56, 0.88, 0.48
HSL	22°, 79%, 29%
HSV	22°, 88%, 52%
XYZ	11.1667, 8.0082, 1.4174
YIQ	75.2240, 57.9070, 2.3150

Conversions

Conversions Part 2

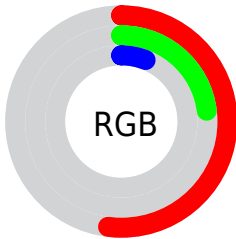
Format	Color
R_{YB}	132, 83, 15
Decimal	8665615
CIE Lab	34.00, 29.37, 39.16
CIE LCh	34, 48.949, 53.130
Yxy	8.0082, 0.5423, 0.3889
Android (android.graphics.Color)	4286855695 (0xFF843A0F)
YUV	75.2240, -29.6904, 49.7926
Hunter-Lab	28.2988, 20.9130, 16.8395

Details

The CIELCh color **34, 48.949, 53.130** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **36, 30.389, 260.790**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 49.146, 52.982**, and **14, 36.848, 36.391** is the 20% darker color. If you saturate the color by 10%, you get **32, 54.457, 52.122**, and if you desaturate by 10%, it is **36, 42.937, 54.026**.

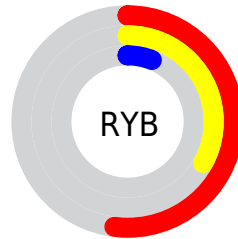
Distribution



Red (52%)

Green (23%)

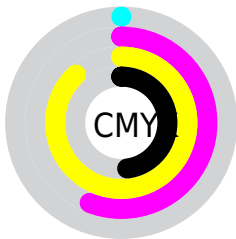
Blue (6%)



Red (52%)

Yellow (33%)

Blue (6%)

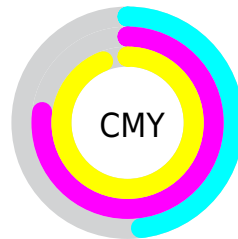


Cyan (0%)

Magenta (56%)

Yellow (88%)

Black (48%)



Cyan (48%)

Magenta (77%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 48.949, 53.130 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 34, 48.949, 53.130 by changing the saturation by 10% instead.

 34, 48.949, 53.130

 34, 48.949, 53.130

 100, 48.949,
53.130

 24, 48.949, 53.130

 54, 48.949, 53.130

 14, 48.949, 53.130

 64, 48.949, 53.130

 4, 48.949, 53.130

 74, 48.949, 53.130

 0, 48.949, 53.130

 84, 48.949, 53.130

 94, 48.949, 53.130

 34, 48.949, 53.130

 34, 48.949, 53.130

 32, 54.457, 52.122

 36, 42.937, 54.026

32, 55.330, 52.054

38, 36.609, 54.688

40, 30.357, 55.308

43, 24.364, 55.964

45, 18.699, 56.679

48, 13.381, 57.449

50, 8.400, 58.261

53, 3.733, 59.071

56, 0.648, 240.576

Harmonies

Complementary

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



34, 48.949, 53.130



36, 30.389, 260.790

Rectangle

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



34, 48.949, 53.130



34, 48.949, 103.130



34, 48.949, 233.130



34, 48.949, 283.130

Sweetspot

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



34, 48.947, 53.133



61, 15.585, 57.521



29, 53.288, 346.806



31, 10.687, 57.293



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



34, 48.947, 53.133



41, 67.361, 51.292



49, 51.752, 94.818



27, 2.490, 59.022



31, 54.589, 52.082



0, 0.582, 59.903

Inverse Universe

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



36, 30.389, 260.790



44, 40.742, 267.261



19, 67.097, 301.260



27, 2.395, 240.880



33, 32.835, 265.930



0, 0.582, 239.920

Previews

White Background



This preview shows how the CIELCh color 34, 48.949, 53.130 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 34, 48.949, 53.130 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 34, 48.949, 53.130

Background



This preview shows how black text looks on a background with the CIELCh color 34, 48.949, 53.130.



This preview shows how white text looks on a background with the CIELCh color 34, 48.949, 53.130.

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

34, 48.949, 53.130

Protanopia

34, 35.097, 95.677

Deuteranopia

34, 43.044, 85.060



Tritanopia
34, 37.778, 23.357

Trichromacy



Original Color
34, 48.949, 53.130

Protanomaly
34, 36.888, 76.237

Deuteranomaly
34, 43.248, 71.677

Tritanomaly
34, 40.576, 37.820

Monochromacy



Original Color
34, 48.949, 53.130

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 16.985, 56.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 48.949, 53.130 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(132, 58, 15)` looks like.

```
.text, #text, p{  
    color:rgb(132, 58, 15)  
}
```

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(132, 58, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 58, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 48.949, 53.130 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(132, 58, 15) }
```

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

```
.border{ border-color:rgb(132, 58, 15) }
```

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

Here you see how a box with a 4 pixel rgb(132, 58, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 58, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 58, 15);  
box-shadow:4px 4px 4px 4px rgb(132, 58,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 48.949, 53.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 58, 15) }
```

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

```
.background{ background-color: rgb(132, 58,  
15) }
```

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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