

Converting Colors

CIELCh(53, 34.996, 55.414)

Have a look what the booklet for
CIELCh(53, 34.996, 55.414) contains.

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Color

CIELCh(53, 34.840, 55.965)

Conversions

Conversions Part 1

Format	Color
Hex	AC714E
RGB	172, 113, 78
RGB Percent	67%, 44%, 31%
CMY	0.3265, 0.5578, 0.6950
CMYK	0.00, 0.34, 0.55, 0.33
HSL	22°, 38%, 49%
HSV	22°, 55%, 67%
XYZ	24.2020, 21.0462, 9.9530
YIQ	126.6510, 46.3990, 1.6230

Conversions

Conversions Part 2

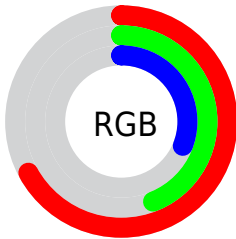
Format	Color
R_{YB}	172, 134, 78
Decimal	11301198
CIE Lab	53.00, 19.50, 28.87
CIE LCh	53, 34.840, 55.965
Yxy	21.0462, 0.4384, 0.3813
Android (android.graphics.Color)	4289491278 (0xFFAC714E)
YUV	126.6510, -23.9849, 39.7711
Hunter-Lab	45.8761, 13.8847, 19.2501

Details

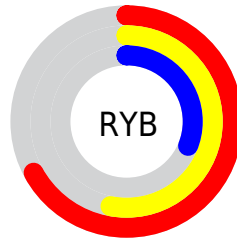
The CIELCh color **53, 34.840, 55.965** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54, 25.958, 249.754**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 34.737, 55.641**, and **33, 34.795, 56.764** is the 20% darker color. If you saturate the color by 10%, you get **50, 42.491, 55.297**, and if you desaturate by 10%, it is **56, 27.539, 56.685**.

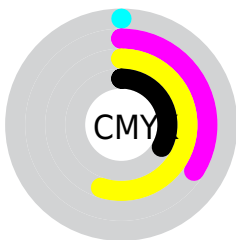
Distribution



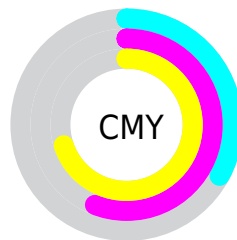
- Red (67%)
- Green (44%)
- Blue (31%)



- Red (67%)
- Yellow (53%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 34.840, 55.965 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 53, 34.840, 55.965 by changing the saturation by 10% instead.

■ 53, 34.840, 55.965

■ 53, 34.840, 55.965

■ 100, 34.840,
55.965

■ 43, 34.840, 55.965

■ 73, 34.840, 55.965

■ 33, 34.840, 55.965

■ 83, 34.840, 55.965

■ 23, 34.840, 55.965

■ 93, 34.840, 55.965

■ 13, 34.840, 55.965

■ 3, 34.840, 55.965

■ 0, 34.840, 55.965

■ 53, 34.840, 55.965

■ 53, 34.840, 55.965

■ 50, 42.491, 55.297

■ 56, 27.539, 56.685

■ 48, 50.303, 54.602

■ 59, 20.661, 57.459

45, 57.839, 53.715

62, 14.215, 58.286

43, 64.257, 52.277

65, 8.184, 59.143

42, 67.441, 51.587

69, 2.534, 59.938

72, 2.771, 241.173

75, 7.768, 242.003

79, 12.494,
242.902

82, 16.982,
243.798

Harmonies

Complementary

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



53, 34.840, 55.965



54, 25.958, 249.754

Rectangle

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



53, 34.840, 55.965



53, 34.840, 105.965



53, 34.840, 235.965



53, 34.840, 285.965

Sweetspot

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



53, 34.839, 55.969



83, 11.123, 59.007



47, 47.988, 341.916



43, 7.550, 58.837



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 34.839, 55.969



64, 54.244, 55.130



65, 43.992, 98.152



35, 3.118, 59.600



37, 60.962, 51.998



3, 6.393, 52.019

Inverse Universe

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



54, 25.958, 249.754



66, 37.435, 253.659



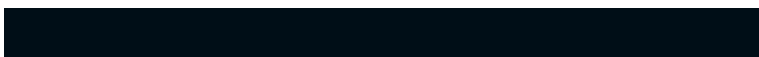
41, 49.206, 293.027



35, 2.996, 241.556



38, 37.195, 267.458



3, 6.696, 251.870

Previews

White Background



This preview shows how the CIELCh color 53, 34.840, 55.965 looks on a white background.

Color Contrast Check

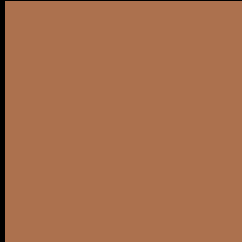
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 53, 34.840, 55.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

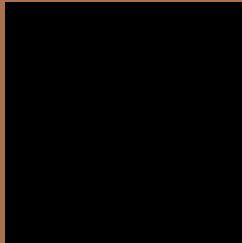
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 34.840, 55.965

Background



This preview shows how black text looks on a background with the CIELCh color 53, 34.840, 55.965.



This preview shows how white text looks on a background with the CIELCh color 53, 34.840, 55.965.

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

53, 34.840, 55.965

Protanopia

53, 25.573, 95.853

Deuteranopia

53, 30.277, 76.648



Tritanopia
53, 28.556, 13.951

Trichromacy



Original Color
53, 34.840, 55.965

Protanomaly
53, 27.000, 78.904

Deuteranomaly
53, 31.079, 68.447

Tritanomaly
53, 28.753, 31.672

Monochromacy



Original Color
53, 34.840, 55.965

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 12.100, 58.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 34.840, 55.965 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(172, 113, 78)` looks like.

```
.text, #text, p{  
    color:rgb(172, 113, 78)  
}
```

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(172, 113, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 113, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 34.840, 55.965 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(172, 113, 78) }
```

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

```
.border{ border-color:rgb(172, 113, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 113, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 113, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 113, 78);  
box-shadow:4px 4px 4px 4px rgb(172, 113,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 34.840, 55.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 113, 78) }
```

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

```
.background{ background-color: rgb(172,  
113, 78) }
```

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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