

Converting Colors

CIELCh(55, 44.952, 59.372)

Have a look what the booklet for
CIELCh(55, 44.952, 59.372) contains.

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Color

CIELCh(55, 44.952, 59.372)

Conversions

Conversions Part 1

Format	Color
Hex	B97341
RGB	185, 115, 65
RGB Percent	73%, 45%, 25%
CMY	0.2748, 0.5493, 0.7454
CMYK	0.00, 0.38, 0.65, 0.27
HSL	25°, 48%, 49%
HSV	25°, 65%, 73%
XYZ	27.0621, 22.9298, 7.9902
YIQ	130.2300, 57.7700, -0.7100

Conversions

Conversions Part 2

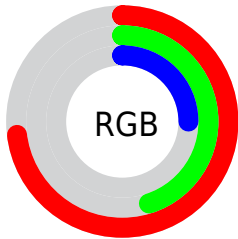
Format	Color
R_{YB}	185, 151, 65
Decimal	12153665
CIE Lab	55.00, 22.90, 38.68
CIE LCh	55, 44.952, 59.372
Yxy	22.9298, 0.4667, 0.3955
Android (android.graphics.Color)	4290343745 (0xFFB97341)
YUV	130.2300, -32.1584, 48.0333
Hunter-Lab	47.8851, 17.0798, 23.6263

Details

The CIELCh color **55, 44.952, 59.372** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54, 33.306, 259.236**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 45.285, 59.159**, and **35, 44.704, 59.303** is the 20% darker color. If you saturate the color by 10%, you get **52, 52.958, 58.358**, and if you desaturate by 10%, it is **58, 37.017, 60.326**.

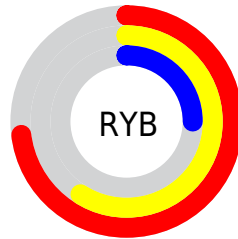
Distribution



Red (73%)

Green (45%)

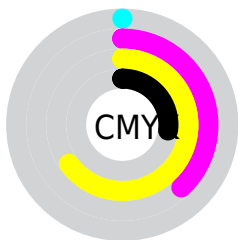
Blue (25%)



Red (73%)

Yellow (59%)

Blue (25%)

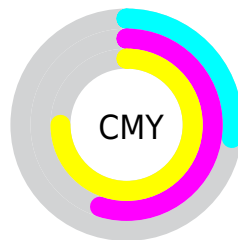


Cyan (0%)

Magenta (38%)

Yellow (65%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 44.952, 59.372 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 55, 44.952, 59.372 by changing the saturation by 10% instead.

■ 55, 44.952, 59.372

■ 55, 44.952, 59.372

■ 100, 44.952,
59.372

■ 45, 44.952, 59.372

■ 75, 44.952, 59.372

■ 35, 44.952, 59.372

■ 85, 44.952, 59.372

■ 25, 44.952, 59.372

■ 95, 44.952, 59.372

■ 15, 44.952, 59.372

■ 5, 44.952, 59.372

■ 0, 44.952, 59.372

■ 55, 44.952, 59.372

■ 55, 44.952, 59.372

■ 52, 52.958, 58.358

■ 58, 37.017, 60.326

■ 50, 60.540, 57.096

■ 61, 29.385, 61.282

48, 66.792, 55.235

64, 22.144, 62.265

46, 69.677, 54.267

67, 15.316, 63.276

70, 8.888, 64.297

74, 2.829, 65.250

77, 2.893, 246.585

80, 8.316, 247.532

84, 13.475,
248.534

Harmonies

Complementary

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



55, 44.952, 59.372



54, 33.306, 259.236

Rectangle

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



55, 44.952, 59.372



55, 44.952, 109.372



55, 44.952, 239.372



55, 44.952, 289.372

Sweetspot

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



55, 44.951, 59.376



87, 14.196, 63.846



47, 56.782, 346.167



45, 9.849, 63.555



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 44.951, 59.376



66, 68.496, 57.850



70, 56.507, 99.966



37, 3.307, 64.852



39, 61.073, 54.801



5, 8.716, 52.387

Inverse Universe

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



54, 33.306, 259.236



64, 47.832, 264.877



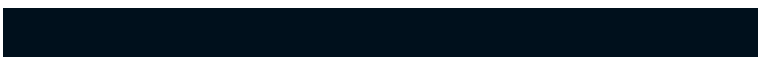
37, 67.117, 297.671



37, 3.197, 247.048



38, 41.672, 273.877



4, 9.459, 259.645

Previews

White Background



This preview shows how the CIELCh color 55, 44.952, 59.372 looks on a white background.

Color Contrast Check

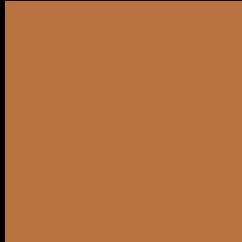
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 44.952, 59.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

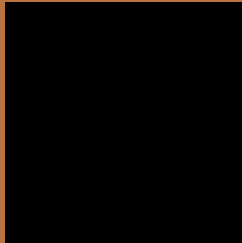
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.952, 59.372

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.952, 59.372.



This preview shows how white text looks on a background with the CIELCh color 55, 44.952, 59.372.

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

55, 44.952, 59.372

Protanopia

55, 34.749, 95.315

Deuteranopia

55, 40.274, 80.087



Tritanopia
55, 33.563, 16.020

Trichromacy



Original Color
55, 44.952, 59.372

Protanomaly
55, 36.211, 80.212

Deuteranomaly
55, 41.288, 71.938

Tritanomaly
55, 35.055, 35.113

Monochromacy



Original Color
55, 44.952, 59.372

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 15.461, 64.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.952, 59.372 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(185, 115, 65)` looks like.

```
.text, #text, p{  
    color:rgb(185, 115, 65)  
}
```

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(185, 115, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 115, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.952, 59.372 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(185, 115, 65) }
```

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

```
.border{ border-color:rgb(185, 115, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 115, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 115, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 115, 65);  
box-shadow:4px 4px 4px 4px rgb(185, 115,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.952, 59.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 115, 65) }
```

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

```
.background{ background-color: rgb(185,  
115, 65) }
```

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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