

Converting Colors

CIELCh(55, 60.406, 49.831)

Have a look what the booklet for
CIELCh(55, 60.406, 49.831) contains.

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Color

CIELCh(55, 60.508, 49.823)

Conversions

Conversions Part 1

Format	Color
Hex	D06534
RGB	208, 101, 52
RGB Percent	82%, 40%, 20%
CMY	0.1848, 0.6043, 0.7964
CMYK	0.00, 0.51, 0.75, 0.18
HSL	19°, 62%, 51%
HSV	19°, 75%, 82%
XYZ	31.2432, 22.9298, 6.0177
YIQ	127.4070, 79.5010, 7.4450

Conversions

Conversions Part 2

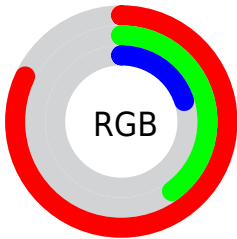
Format	Color
R_{YB}	208, 123, 52
Decimal	13657396
CIE Lab	55.00, 39.04, 46.23
CIE LCh	55, 60.508, 49.823
Yxy	22.9298, 0.5191, 0.3810
Android (android.graphics.Color)	4291847476 (0xFFD06534)
YUV	127.4070, -37.1757, 70.6801
Hunter-Lab	47.8851, 32.6653, 26.0686

Details

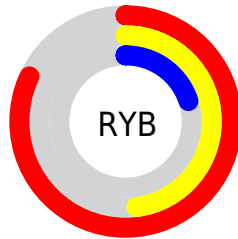
The CIELCh color **55, 60.508, 49.823** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **62, 36.377, 247.716**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 54.625, 52.853**, and **35, 60.361, 49.648** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.690, 49.438**, and if you desaturate by 10%, it is **58, 50.982, 50.041**.

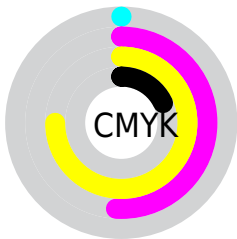
Distribution



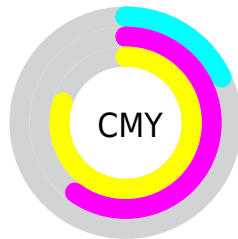
- Red (82%)
- Green (40%)
- Blue (20%)



- Red (82%)
- Yellow (48%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (75%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 60.508, 49.823 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, 60.508, 49.823 by changing the saturation by 10% instead.

■ 55, 60.508, 49.823

■ 55, 60.508, 49.823

■ 100, 60.508,
49.823

■ 45, 60.508, 49.823

■ 75, 60.508, 49.823

■ 35, 60.508, 49.823

■ 85, 60.508, 49.823

■ 25, 60.508, 49.823

■ 95, 60.508, 49.823

■ 15, 60.508, 49.823

■ 5, 60.508, 49.823

■ 0, 60.508, 49.823

■ 55, 60.508, 49.823

■ 55, 60.508, 49.823

■ 52, 69.690, 49.438

■ 58, 50.982, 50.041

■ 50, 77.381, 48.428

■ 62, 41.688, 50.283

49, 80.673, 47.853

65, 32.868, 50.623

69, 24.608, 51.070

73, 16.923, 51.610

77, 9.786, 52.216

81, 3.154, 52.793

86, 3.021, 233.851

90, 8.791, 234.489

Harmonies

Complementary

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



55, 60.508, 49.823



62, 36.377, 247.716

Rectangle

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



55, 60.508, 49.823



55, 60.508, 99.823



55, 60.508, 229.823



55, 60.508, 279.823

Sweetspot

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



55, 60.506, 49.826



89, 18.234, 51.713



50, 73.235, 340.938



46, 12.797, 51.501



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 60.506, 49.826



62, 87.035, 48.944



73, 63.943, 91.281



42, 3.636, 52.563



39, 68.561, 48.364



7, 16.733, 38.456

Inverse Universe

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



62, 36.377, 247.716



70, 47.658, 254.710



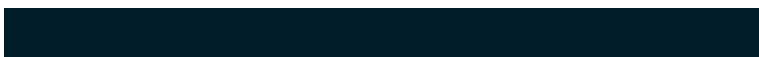
40, 75.017, 295.596



42, 3.463, 234.164



46, 36.578, 258.321



9, 12.832, 246.624

Previews

White Background



This preview shows how the CIELCh color 55, 60.508, 49.823 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, 60.508, 49.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

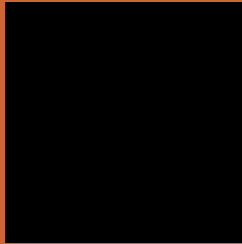
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 60.508, 49.823

Background



This preview shows how black text looks on a background with the CIELCh color 55, 60.508, 49.823.



This preview shows how white text looks on a background with the CIELCh color 55, 60.508, 49.823.

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, 60.508, 49.823

Protanopia

55, 39.900, 95.262

Deuteranopia

55, 48.361, 81.956



Tritanopia
55, 49.561, 21.829

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 60.508, 49.823 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(208, 101, 52)` looks like.

```
.text, #text, p{  
    color:rgb(208, 101, 52)  
}
```

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(208, 101, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 101, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 60.508, 49.823 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(208, 101, 52) }
```

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

```
.border{ border-color:rgb(208, 101, 52) }
```

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

Here you see how a box with a 4 pixel rgb(208, 101, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 101, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 101, 52);  
box-shadow:4px 4px 4px 4px rgb(208, 101,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 60.508, 49.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 101, 52) }
```

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

```
.background{ background-color: rgb(208,  
101, 52) }
```

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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