

Converting Colors

CIELCh(55, 15.460, 23.183)

Have a look what the booklet for
CIELCh(55, 15.460, 23.183) contains.

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Color

CIELCh(55, 15.460, 23.183)

Conversions

Conversions Part 1

Format	Color
Hex	A07B7A
RGB	160, 123, 122
RGB Percent	63%, 48%, 48%
CMY	0.3738, 0.5188, 0.5227
CMYK	0.00, 0.23, 0.24, 0.37
HSL	2°, 17%, 55%
HSV	2°, 24%, 63%
XYZ	24.9735, 22.9298, 21.4249
YIQ	133.9490, 22.3730, 7.5330

Conversions

Conversions Part 2

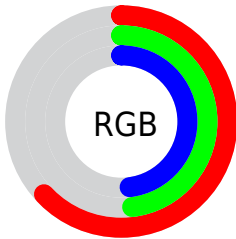
Format	Color
R_{YB}	160, 123, 122
Decimal	10517370
CIE Lab	55.00, 14.21, 6.09
CIE LCh	55, 15.460, 23.183
Yxy	22.9298, 0.3602, 0.3307
Android (android.graphics.Color)	4288707450 (0xFFA07B7A)
YUV	133.9490, -5.8909, 22.8467
Hunter-Lab	47.8851, 9.2942, 6.9919

Details

The CIELCh color **55, 15.460, 23.183** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 13.208, 200.717**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 15.205, 24.672**, and **35, 15.695, 24.092** is the 20% darker color. If you saturate the color by 10%, you get **51, 22.804, 24.217**, and if you desaturate by 10%, it is **59, 8.616, 22.391**.

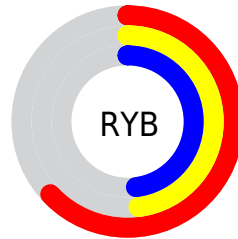
Distribution



Red (63%)

Green (48%)

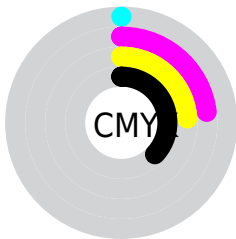
Blue (48%)



Red (63%)

Yellow (48%)

Blue (48%)

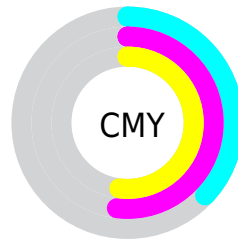


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (37%)



Cyan (37%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 15.460, 23.183 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, 15.460, 23.183 by changing the saturation by 10% instead.

■ 55, 15.460, 23.183

■ 55, 15.460, 23.183

■ 100, 15.460,
23.183

■ 45, 15.460, 23.183

■ 75, 15.460, 23.183

■ 35, 15.460, 23.183

■ 85, 15.460, 23.183

■ 25, 15.460, 23.183

■ 95, 15.460, 23.183

■ 15, 15.460, 23.183

■ 5, 15.460, 23.183

■ 0, 15.460, 23.183

■ 55, 15.460, 23.183

■ 55, 15.460, 23.183

■ 51, 22.804, 24.217

■ 59, 8.616, 22.391

■ 47, 30.613, 25.560

■ 64, 2.275, 21.647

43, 38.784, 27.309

69, 3.592, 201.531

40, 47.145, 29.552

73, 9.023, 201.104

37, 55.434, 32.318

78, 14.066,
200.816

35, 63.238, 35.455

83, 18.763,
200.599

34, 69.717, 38.377

87, 23.157,
200.432

33, 73.015, 40.066

92, 27.286,
200.303

94, 29.472,
197.602

Harmonies

Complementary

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



55, 15.460, 23.183



63, 13.208, 200.717

Rectangle

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



55, 15.460, 23.183



55, 15.460, 73.183



55, 15.460, 203.183



55, 15.460, 253.183

Sweetspot

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



55, 15.459, 23.189



79, 5.256, 21.926



56, 25.709, 326.162



42, 3.450, 21.965



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



55, 15.459, 23.189



67, 23.760, 23.748



60, 13.490, 74.264



31, 3.443, 22.074



29, 66.729, 39.601



1, 4.362, 21.542

Inverse Universe

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



63, 13.208, 200.717



79, 19.452, 200.521



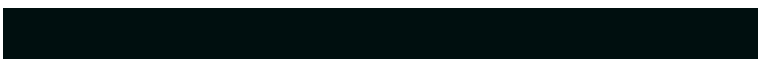
57, 12.755, 260.685



33, 3.251, 201.336



52, 31.393, 200.516



3, 4.329, 202.238

Previews

White Background



This preview shows how the CIELCh color 55, 15.460, 23.183 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 CIE LCh color 55, 15.460, 23.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

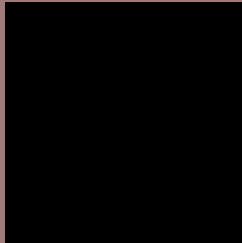
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 15.460, 23.183

Background



This preview shows how black text looks on a background with the CIELCh color 55, 15.460, 23.183.



This preview shows how white text looks on a background with the CIELCh color 55, 15.460, 23.183.

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, 15.460, 23.183

Protanopia

55, 3.487, 74.479

Deuteranopia

55, 9.776, 40.708



Tritanopia
55, 17.189, 2.105

Trichromacy



Original Color
55, 15.460, 23.183

Protanomaly
55, 7.339, 38.150

Deuteranomaly
55, 11.906, 31.601

Tritanomaly
55, 16.331, 9.248

Monochromacy



Original Color
55, 15.460, 23.183

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 5.231, 19.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 15.460, 23.183 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(160, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(160, 123, 122)  
}
```

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(160, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 123, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 15.460, 23.183 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(160, 123, 122) }
```

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

```
.border{ border-color:rgb(160, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(160, 123,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 15.460, 23.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 123, 122) }
```

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

```
.background{ background-color: rgb(160,  
123, 122) }
```

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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