

Converting Colors

CIELCh(55, 18.881, 40.396)

Have a look what the booklet for
CIELCh(55, 18.881, 40.396) contains.

CIELCh(55, 18.881, 40.396)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 18.881, 40.396)

Conversions

Conversions Part 1

Format	Color
Hex	A37A6F
RGB	163, 122, 111
RGB Percent	64%, 48%, 44%
CMY	0.3599, 0.5208, 0.5639
CMYK	0.00, 0.25, 0.32, 0.36
HSL	13°, 22%, 54%
HSV	13°, 32%, 64%
XYZ	25.0128, 22.9298, 18.2033
YIQ	133.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

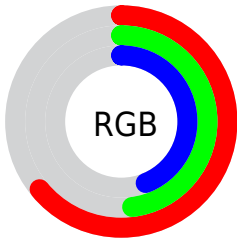
Format	Color
RYB	163, 125, 111
Decimal	10713711
CIELab	55.00, 14.38, 12.24
CIELCh	55, 18.881, 40.396
Yxy	22.9298, 0.3781, 0.3467
Android (android.graphics.Color)	4288903791 (0xFFA37A6F)
YUV	133.0050, -10.8485, 26.3056
Hunter-Lab	47.8851, 9.4406, 10.9807

Details

The CIELCh color $55, 18.881, 40.396$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 15.217, 222.523$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 18.765, 40.662$, and $35, 19.015, 40.655$ is the 20% darker color. If you saturate the color by 10%, you get $51, 25.835, 40.562$, and if you desaturate by 10%, it is $59, 12.437, 40.395$.

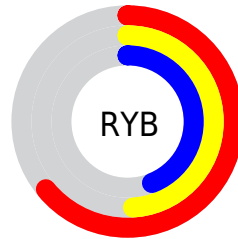
Distribution



Red (64%)

Green (48%)

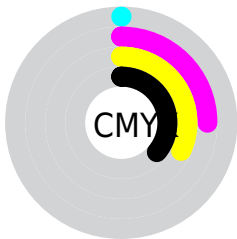
Blue (44%)



Red (64%)

Yellow (49%)

Blue (44%)

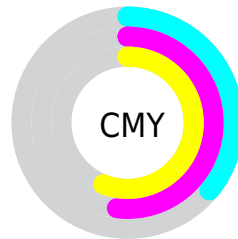


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (36%)



Cyan (36%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 18.881, 40.396 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, 18.881, 40.396 by changing the saturation by 10% instead.

■ 55, 18.881, 40.396

■ 55, 18.881, 40.396

■ 100, 18.881,
40.396

■ 45, 18.881, 40.396

■ 75, 18.881, 40.396

■ 35, 18.881, 40.396

■ 85, 18.881, 40.396

■ 25, 18.881, 40.396

■ 95, 18.881, 40.396

■ 15, 18.881, 40.396

■ 5, 18.881, 40.396

■ 0, 18.881, 40.396

■ 55, 18.881, 40.396

■ 55, 18.881, 40.396

■ 51, 25.835, 40.562

■ 59, 12.437, 40.395

■ 48, 33.297, 40.909

■ 62, 6.483, 40.490

45, 41.214, 41.467

66, 0.981, 40.312

42, 49.442, 42.221

70, 4.112, 221.193

39, 57.656, 43.057

74, 8.840, 221.478

37, 65.130, 43.630

78, 13.244,
221.841

36, 70.478, 44.103

82, 17.365,
222.236

86, 21.237,
222.648

90, 24.479,
219.356

Harmonies

Complementary

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



55, 18.881, 40.396



60, 15.217, 222.523

Rectangle

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



55, 18.881, 40.396



55, 18.881, 90.396



55, 18.881, 220.396



55, 18.881, 270.396

Sweetspot

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



55, 18.880, 40.403



80, 6.702, 40.509



54, 30.879, 332.542



42, 4.634, 40.494



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



55, 18.880, 40.403



67, 28.600, 40.493



62, 21.403, 89.736



33, 3.057, 40.519



32, 64.265, 44.134



2, 4.652, 38.512

Inverse Universe

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



60, 15.217, 222.523



75, 21.830, 223.153



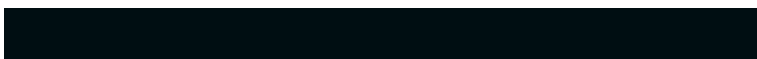
53, 21.527, 278.493



33, 2.891, 221.237



45, 29.022, 237.229



3, 4.514, 226.792

Previews

White Background



This preview shows how the CIELCh color 55, 18.881, 40.396 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, 18.881, 40.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

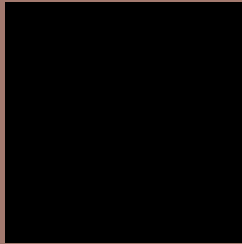
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 18.881, 40.396

Background



This preview shows how black text looks on a background with the CIELCh color 55, 18.881, 40.396.



This preview shows how white text looks on a background with the CIELCh color 55, 18.881, 40.396.

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, 18.881, 40.396

Protanopia

55, 9.467, 93.792

Deuteranopia

55, 14.566, 61.701



Tritanopia
55, 19.075, 6.141

Trichromacy



Original Color
55, 18.881, 40.396

Protanomaly
55, 11.382, 64.415

Deuteranomaly
55, 15.979, 52.719

Tritanomaly
55, 17.942, 17.823

Monochromacy



Original Color
55, 18.881, 40.396

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 6.539, 40.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 18.881, 40.396 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(163, 122, 111)` looks like.

```
.text, #text, p{  
    color:rgb(163, 122, 111)  
}
```

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(163, 122, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 122, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 18.881, 40.396 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(163, 122, 111) }
```

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

```
.border{ border-color:rgb(163, 122, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 122, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 122, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 122, 111);  
box-shadow:4px 4px 4px 4px rgb(163, 122,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 18.881, 40.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 122, 111) }
```

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

```
.background{ background-color: rgb(163,  
122, 111) }
```

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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