

Converting Colors

CIELCh(55, 25.135, 61.275)

Have a look what the booklet for
CIELCh(55, 25.135, 61.275) contains.

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Color

CIELCh(55, 25.135, 61.275)

Conversions

Conversions Part 1

Format	Color
Hex	A47B5E
RGB	164, 123, 94
RGB Percent	64%, 48%, 37%
CMY	0.3562, 0.5170, 0.6307
CMYK	0.00, 0.25, 0.43, 0.36
HSL	25°, 28%, 51%
HSV	25°, 43%, 64%
XYZ	24.4782, 22.9298, 13.7628
YIQ	131.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

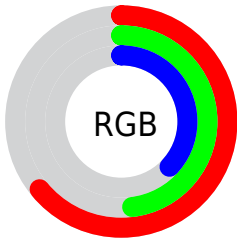
Format	Color
RYB	164, 144, 94
Decimal	10779486
CIELab	55.00, 12.08, 22.04
CIElCh	55, 25.135, 61.275
Yxy	22.9298, 0.4002, 0.3748
Android (android.graphics.Color)	4288969566 (0xFFA47B5E)
YUV	131.9530, -18.7108, 28.1052
Hunter-Lab	47.8851, 7.4476, 16.4788

Details

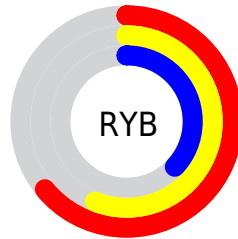
The CIELCh color **55, 25.135, 61.275** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **55, 20.830, 252.377**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 24.880, 61.936**, and **35, 25.236, 61.529** is the 20% darker color. If you saturate the color by 10%, you get **52, 31.977, 60.338**, and if you desaturate by 10%, it is **58, 18.656, 62.254**.

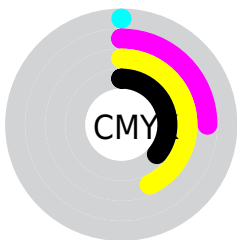
Distribution



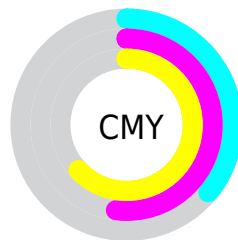
- Red (64%)
- Green (48%)
- Blue (37%)



- Red (64%)
- Yellow (56%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (36%)



- Cyan (36%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 25.135, 61.275 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, 25.135, 61.275 by changing the saturation by 10% instead.

■ 55, 25.135, 61.275

■ 55, 25.135, 61.275

■ 100, 25.135,
61.275

■ 45, 25.135, 61.275

■ 75, 25.135, 61.275

■ 35, 25.135, 61.275

■ 85, 25.135, 61.275

■ 25, 25.135, 61.275

■ 95, 25.135, 61.275

■ 15, 25.135, 61.275

■ 5, 25.135, 61.275

■ 0, 25.135, 61.275

■ 55, 25.135, 61.275

■ 55, 25.135, 61.275

■ 52, 31.977, 60.338

■ 58, 18.656, 62.254

■ 50, 39.126, 59.412

■ 61, 12.551, 63.251

47, 46.420, 58.450

64, 6.801, 64.254

45, 53.500, 57.314

67, 1.380, 65.073

43, 59.668, 55.713

70, 3.746, 246.479

41, 63.711, 54.457

73, 8.607, 247.444

76, 13.236,
248.430

79, 17.659,
249.400

82, 21.902,
250.342

Harmonies

Complementary

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



55, 25.135, 61.275



55, 20.830, 252.377

Rectangle

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



55, 25.135, 61.275



55, 25.135, 111.275



55, 25.135, 241.275



55, 25.135, 291.275

Sweetspot

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



55, 25.135, 61.281



81, 8.695, 64.195



49, 36.063, 342.301



42, 6.112, 63.984



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, 25.135, 61.281



67, 38.384, 60.403



64, 34.479, 101.336



33, 2.996, 64.583



37, 58.088, 54.868



3, 4.502, 60.880

Inverse Universe

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



55, 20.830, 252.377



67, 30.336, 254.721



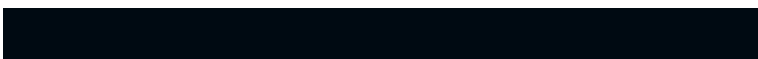
45, 37.599, 291.907



33, 2.897, 246.737



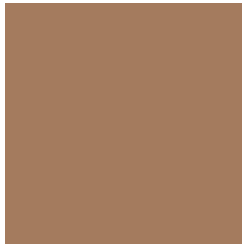
35, 39.274, 273.240



2, 4.694, 252.030

Previews

White Background



This preview shows how the CIELCh color 55, 25.135, 61.275 looks on a white background.

Color Contrast Check

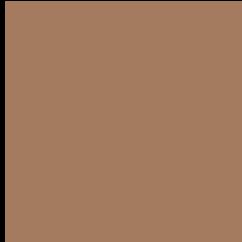
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.135, 61.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

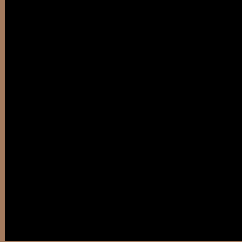
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.135, 61.275

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.135, 61.275.



This preview shows how white text looks on a background with the CIELCh color 55, 25.135, 61.275.

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, 25.135, 61.275

Protanopia

55, 19.740, 96.357

Deuteranopia

55, 23.170, 71.328



Tritanopia
55, 20.314, 7.288

Trichromacy



Original Color
55, 25.135, 61.275

Protanomaly
55, 20.366, 82.333

Deuteranomaly
55, 23.939, 67.255

Tritanomaly
55, 19.423, 29.819

Monochromacy



Original Color
55, 25.135, 61.275

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 8.883, 64.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.135, 61.275 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(164, 123, 94)` looks like.

```
.text, #text, p{  
    color:rgb(164, 123, 94)  
}
```

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(164, 123, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 123, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.135, 61.275 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(164, 123, 94) }
```

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

```
.border{ border-color:rgb(164, 123, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 123, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 123, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 123, 94);  
box-shadow:4px 4px 4px 4px rgb(164, 123,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.135, 61.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 123, 94) }
```

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

```
.background{ background-color: rgb(164,  
123, 94) }
```

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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