

Converting Colors

CIELCh(49, 25.360, 95.371)

Have a look what the booklet for
CIELCh(49, 25.360, 95.371) contains.

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Color

CIELCh(49, 25.394, 95.335)

Conversions

Conversions Part 1

Format	Color
Hex	7F7449
RGB	127, 116, 73
RGB Percent	50%, 45%, 29%
CMY	0.5006, 0.5437, 0.7125
CMYK	0.00, 0.09, 0.42, 0.50
HSL	48°, 27%, 39%
HSV	48°, 42%, 50%
XYZ	16.3034, 17.5941, 8.8962
YIQ	114.3870, 20.3590, -11.0410

Conversions

Conversions Part 2

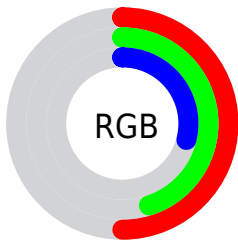
Format	Color
R_{YB}	87, 127, 73
Decimal	8352841
CIE _{Lab}	49.00, -2.36, 25.28
CIE _{LCh}	49, 25.394, 95.335
Yxy	17.5941, 0.3810, 0.4111
Android (android.graphics.Color)	4286542921 (0xFF7F7449)
YUV	114.3870, -20.4038, 11.0616
Hunter-Lab	41.9453, -4.0244, 16.7869

Details

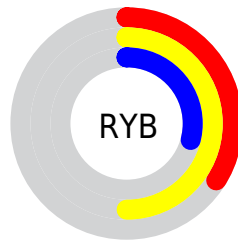
The CIELCh color **49, 25.394, 95.335** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37, 26.727, 286.501**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 25.615, 95.307**, and **29, 25.175, 95.770** is the 20% darker color. If you saturate the color by 10%, you get **48, 31.253, 94.143**, and if you desaturate by 10%, it is **50, 19.416, 96.518**.

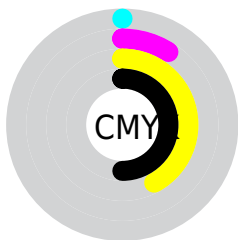
Distribution



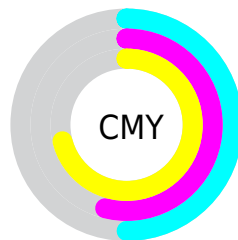
- Red (50%)
- Green (45%)
- Blue (29%)



- Red (34%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 25.394, 95.335 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 49, 25.394, 95.335 by changing the saturation by 10% instead.

■ 49, 25.394, 95.335

■ 49, 25.394, 95.335

■ 100, 25.394,
95.335

■ 39, 25.394, 95.335

■ 69, 25.394, 95.335

■ 29, 25.394, 95.335

■ 79, 25.394, 95.335

■ 19, 25.394, 95.335

■ 89, 25.394, 95.335

■ 9, 25.394, 95.335

■ 99, 25.394, 95.335

■ 0, 25.394, 95.335

■ 49, 25.394, 95.335

■ 49, 25.394, 95.335

■ 48, 31.253, 94.143

■ 50, 19.416, 96.518

■ 47, 36.850, 92.933

■ 51, 13.401, 97.675

■ 46, 41.955, 91.705

■ 52, 7.398, 98.800

■ 45, 46.226, 90.442

■ 53, 1.433, 99.834

■ 45, 49.235, 89.102

■ 54, 4.480, 281.000

■ 44, 51.131, 88.088

■ 55, 10.333,
282.004

■ 56, 16.124,
282.975

■ 58, 21.854,
283.903

■ 59, 27.522,
284.786

Harmonies

Complementary

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



49, 25.394, 95.335



37, 26.727, 286.501

Rectangle

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



49, 25.394, 95.335



49, 25.394, 145.335



49, 25.394, 275.335



49, 25.394, 325.335

Sweetspot

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



49, 25.395, 95.339



66, 9.604, 98.702



38, 24.704, 7.086



35, 6.778, 98.489



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 25.395, 95.339



62, 37.718, 94.170



51, 31.342, 118.765



26, 3.353, 99.163



44, 51.172, 88.086



0, 0.000, 0.000

Inverse Universe

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



37, 26.727, 286.501



43, 40.476, 288.603



35, 34.226, 304.233



25, 3.389, 281.236



17, 67.789, 301.453



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 25.394, 95.335 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 25.394, 95.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

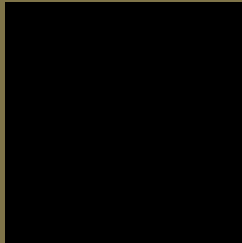
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 25.394, 95.335

Background



This preview shows how black text looks on a background with the CIELCh color 49, 25.394, 95.335.



This preview shows how white text looks on a background with the CIELCh color 49, 25.394, 95.335.

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


49, 25.394, 95.335

Protanopia

49, 25.394, 95.335

Deuteranopia

49, 25.712, 75.647



Tritanopia
49, 9.779, 352.029

Trichromacy



Original Color
49, 25.394, 95.335

Protanomaly
49, 25.394, 95.335

Deuteranomaly
49, 25.013, 83.090

Tritanomaly
49, 9.772, 60.954

Monochromacy



Original Color
49, 25.394, 95.335

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 8.942, 97.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 25.394, 95.335 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(127, 116, 73)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 73)  
}
```

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(127, 116, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 25.394, 95.335 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(127, 116, 73) }
```

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

```
.border{ border-color:rgb(127, 116, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 73);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 25.394, 95.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 73) }
```

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

```
.background{ background-color: rgb(127,  
116, 73) }
```

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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