

Converting Colors

CIELCh(49, 24.522, 95.365)

Have a look what the booklet for
CIELCh(49, 24.522, 95.365) contains.

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Color

CIELCh(49, 24.289, 95.009)

Conversions

Conversions Part 1

Format	Color
Hex	7F744B
RGB	127, 116, 75
RGB Percent	50%, 45%, 29%
CMY	0.5009, 0.5441, 0.7049
CMYK	0.00, 0.09, 0.41, 0.50
HSL	47°, 26%, 40%
HSV	47°, 41%, 50%
XYZ	16.3458, 17.5941, 9.2349
YIQ	114.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

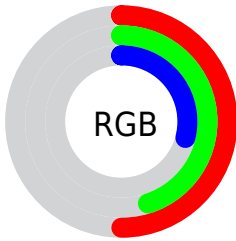
Format	Color
R_{YB}	89, 127, 75
Decimal	8352843
CIE _{Lab}	49.00, -2.12, 24.20
CIE _{LCh}	49, 24.289, 95.009
Yxy	17.5941, 0.3786, 0.4075
Android (android.graphics.Color)	4286542923 (0xFF7F744B)
YUV	114.6150, -19.5302, 10.8616
Hunter-Lab	41.9453, -3.8441, 16.3081

Details

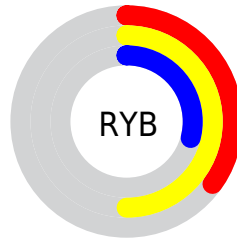
The CIELCh color **49, 24.289, 95.009** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37, 25.426, 285.751**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 24.563, 94.928**, and **29, 24.167, 94.376** is the 20% darker color. If you saturate the color by 10%, you get **48, 30.145, 93.808**, and if you desaturate by 10%, it is **50, 18.338, 96.199**.

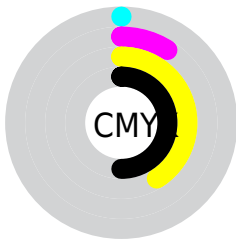
Distribution



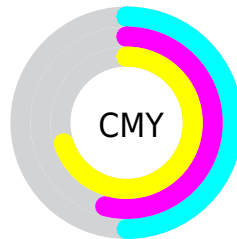
- Red (50%)
- Green (45%)
- Blue (29%)



- Red (35%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (50%)





















- Cyan (50%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 24.289, 95.009 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, 24.289, 95.009 by changing the saturation by 10% instead.

 49, 24.289, 95.009	 49, 24.289, 95.009
 100, 24.289, 95.009	 39, 24.289, 95.009
 69, 24.289, 95.009	 29, 24.289, 95.009
 79, 24.289, 95.009	 19, 24.289, 95.009
 89, 24.289, 95.009	 9, 24.289, 95.009
 99, 24.289, 95.009	 0, 24.289, 95.009

 49, 24.289, 95.009	 49, 24.289, 95.009
 48, 30.145, 93.808	 50, 18.338, 96.199
 47, 35.775, 92.585	 51, 12.365, 97.360

46, 40.968, 91.342

52, 6.415, 98.486

45, 45.400, 90.060

53, 0.509, 99.373

45, 48.648, 88.699

54, 5.341, 280.686

44, 50.935, 87.432

55, 11.128,
281.693

57, 16.852,
282.663

58, 22.512,
283.589

59, 28.111,
284.470

Harmonies

Complementary

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



49, 24.289, 95.009



37, 25.426, 285.751

Rectangle

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



49, 24.289, 95.009



49, 24.289, 145.009



49, 24.289, 275.009



49, 24.289, 325.009

Sweetspot

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



49, 24.290, 95.013



66, 8.790, 98.330



38, 23.740, 6.821



35, 5.879, 98.215



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, 24.290, 95.013



62, 36.046, 93.895



51, 30.227, 118.848



26, 3.326, 98.680



44, 51.001, 87.429



0, 0.000, 0.000

Inverse Universe

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



37, 25.426, 285.751



44, 38.373, 287.708



36, 32.880, 304.095



25, 3.359, 280.767



17, 67.169, 301.168



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 24.289, 95.009 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, 24.289, 95.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

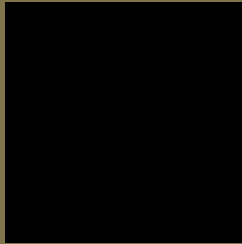
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 24.289, 95.009

Background



This preview shows how black text looks on a background with the CIELCh color 49, 24.289, 95.009.



This preview shows how white text looks on a background with the CIELCh color 49, 24.289, 95.009.

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, 24.289, 95.009

Protanopia

49, 24.289, 95.009

Deuteranopia

49, 24.708, 74.519



Tritanopia
49, 9.779, 352.029

Trichromacy



Original Color
49, 24.289, 95.009

Protanomaly
49, 24.289, 95.009

Deuteranomaly
49, 23.957, 82.229

Tritanomaly
49, 9.374, 58.426

Monochromacy



Original Color
49, 24.289, 95.009

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 8.368, 97.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 24.289, 95.009 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 24.289, 95.009 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, 75) }
```

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

```
.border{ border-color:rgb(127, 116, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 75);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 24.289, 95.009 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, 75) }
```

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

```
.background{ background-color: rgb(127,  
116, 75) }
```

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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