

Converting Colors

CIELCh(51, 7.905, 24.442)

Have a look what the booklet for
CIELCh(51, 7.905, 24.442) contains.

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Color

CIELCh(51, 7.905, 24.442)

Conversions

Conversions Part 1

Format	Color
Hex	887574
RGB	136, 117, 116
RGB Percent	53%, 46%, 45%
CMY	0.4661, 0.5406, 0.5445
CMYK	0.00, 0.14, 0.15, 0.47
HSL	3°, 8%, 49%
HSV	3°, 15%, 53%
XYZ	19.7178, 19.2686, 19.2481
YIQ	122.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

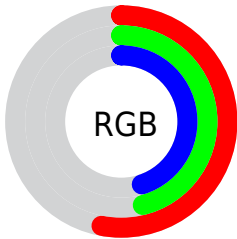
Format	Color
RYB	136, 117, 116
Decimal	8942964
CIELab	51.00, 7.20, 3.27
CIELCh	51, 7.905, 24.442
Yxy	19.2686, 0.3386, 0.3309
Android (android.graphics.Color)	4287133044 (0xFF887574)
YUV	122.5670, -3.2375, 11.7807
Hunter-Lab	43.8960, 3.3629, 4.7290

Details

The CIELCh color $51, 7.905, 24.442$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.202, 203.352$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 7.730, 24.032$, and $31, 7.833, 25.253$ is the 20% darker color. If you saturate the color by 10%, you get $47, 13.813, 25.156$, and if you desaturate by 10%, it is $55, 2.428, 23.825$.

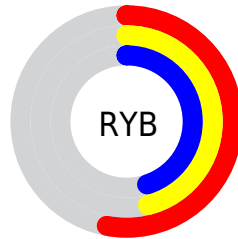
Distribution



Red (53%)

Green (46%)

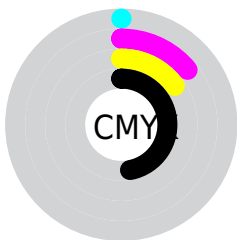
Blue (45%)



Red (53%)

Yellow (46%)

Blue (45%)

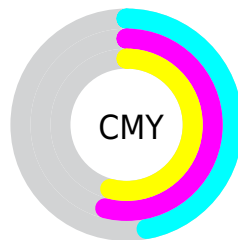


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 7.905, 24.442 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 51, 7.905, 24.442 by changing the saturation by 10% instead.

 51, 7.905, 24.442  51, 7.905, 24.442

 100, 7.905, 24.442  41, 7.905, 24.442

 71, 7.905, 24.442  31, 7.905, 24.442

 81, 7.905, 24.442  21, 7.905, 24.442

 91, 7.905, 24.442  11, 7.905, 24.442

 1, 7.905, 24.442

 0, 7.905, 24.442

 51, 7.905, 24.442  51, 7.905, 24.442

 47, 13.813, 25.156  55, 2.428, 23.825

 44, 20.161, 26.071  59, 2.641, 203.777

40, 26.922, 27.273

63, 7.336, 203.396

37, 34.023, 28.844

67, 11.695,
203.169

34, 41.333, 30.853

71, 15.758,
203.011

31, 48.643, 33.322

30, 55.603, 36.112

75, 19.559,
202.902

28, 61.376, 38.568

79, 23.130,
202.827

28, 63.836, 39.752

83, 26.500,
202.779

87, 29.693,
202.752

Harmonies

Complementary

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



51, 7.905, 24.442



55, 7.202, 203.352

Rectangle

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



51, 7.905, 24.442



51, 7.905, 74.442



51, 7.905, 204.442



51, 7.905, 254.442

Sweetspot

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



51, 7.904, 24.453



70, 2.545, 23.773



51, 13.604, 326.590



37, 1.828, 23.831



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 7.904, 24.453



63, 12.113, 24.693



54, 7.340, 78.805



27, 2.998, 24.120



27, 62.439, 39.597



0, 1.346, 23.798

Inverse Universe

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



55, 7.202, 203.352



69, 10.761, 203.233



52, 7.162, 262.635



29, 2.833, 203.562



48, 28.896, 204.467



1, 1.346, 203.816

Previews

White Background



This preview shows how the CIELCh color 51, 7.905, 24.442 looks on a white background.

Color Contrast Check

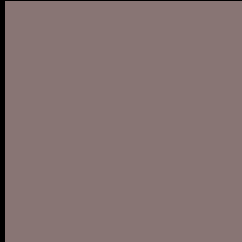
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 7.905, 24.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

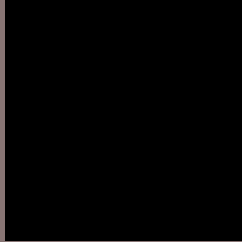
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 7.905, 24.442

Background



This preview shows how black text looks on a background with the CIELCh color 51, 7.905, 24.442.

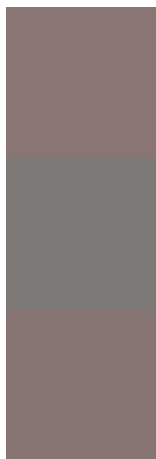


This preview shows how white text looks on a background with the CIELCh color 51, 7.905, 24.442.

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


51, 7.905, 24.442

Protanopia

51, 2.114, 74.738

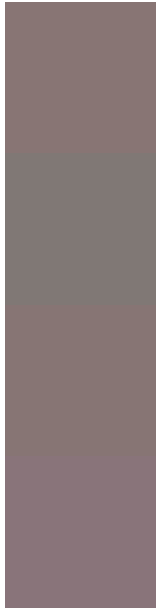
Deuteranopia

51, 7.482, 24.631



Tritanopia
51, 9.980, 349.016

Trichromacy



Original Color
51, 7.905, 24.442

Protanomaly
51, 3.702, 47.652

Deuteranomaly
51, 7.482, 24.631

Tritanomaly
51, 9.248, 358.386

Monochromacy



Original Color
51, 7.905, 24.442

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 2.834, 19.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 7.905, 24.442 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(136, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(136, 117, 116)  
}
```

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(136, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 117, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 7.905, 24.442 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(136, 117, 116) }
```

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

```
.border{ border-color:rgb(136, 117, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 117, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(136, 117,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 7.905, 24.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 117, 116) }
```

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

```
.background{ background-color: rgb(136,  
117, 116) }
```

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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