

Converting Colors

CIELCh(51, 7.336, 47.744)

Have a look what the booklet for
CIELCh(51, 7.336, 47.744) contains.

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Color

CIELCh(51, 7.565, 47.335)

Conversions

Conversions Part 1

Format	Color
Hex	867670
RGB	134, 118, 112
RGB Percent	53%, 46%, 44%
CMY	0.4736, 0.5364, 0.5599
CMYK	0.00, 0.12, 0.16, 0.47
HSL	16°, 9%, 48%
HSV	16°, 16%, 53%
XYZ	19.3070, 19.2686, 18.0929
YIQ	122.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

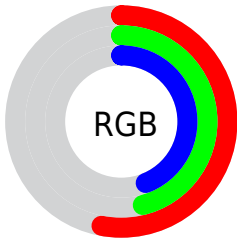
Format	Color
RYB	134, 120, 112
Decimal	8812144
CIELab	51.00, 5.13, 5.56
CIElCh	51, 7.565, 47.335
Yxy	19.2686, 0.3407, 0.3400
Android (android.graphics.Color)	4287002224 (0xFF867670)
YUV	122.1000, -4.9793, 10.4363
Hunter-Lab	43.8960, 1.6926, 6.2893

Details

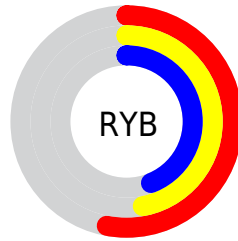
The CIELCh color $51, 7.565, 47.335$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 6.889, 229.352$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 7.361, 46.105$, and $31, 7.587, 50.184$ is the 20% darker color. If you saturate the color by 10%, you get $48, 12.654, 46.970$, and if you desaturate by 10%, it is $54, 2.842, 47.738$.

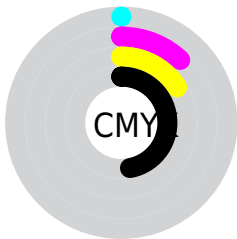
Distribution



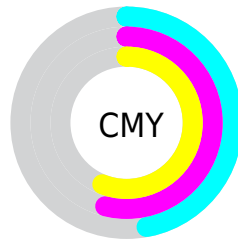
- Red (53%)
- Green (46%)
- Blue (44%)



- Red (53%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (47%)




- Cyan (47%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 7.565, 47.335 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 51, 7.565, 47.335 by changing the saturation by 10% instead.

 51, 7.565, 47.335  51, 7.565, 47.335

 100, 7.565, 47.335  41, 7.565, 47.335

 71, 7.565, 47.335  31, 7.565, 47.335

 81, 7.565, 47.335  21, 7.565, 47.335

 91, 7.565, 47.335  11, 7.565, 47.335

 1, 7.565, 47.335

 0, 7.565, 47.335

 51, 7.565, 47.335  51, 7.565, 47.335

 48, 12.654, 46.970  54, 2.842, 47.738

 45, 18.137, 46.677  57, 1.548, 228.653

42, 24.032, 46.500

60, 5.640, 229.039

40, 30.328, 46.458

63, 9.468, 229.602

37, 36.970, 46.551

67, 13.063,
230.195

35, 43.809, 46.728

70, 16.453,
230.797

33, 50.502, 46.827

31, 56.515, 46.650

73, 19.663,
231.399

30, 58.601, 46.708

76, 22.716,
231.996

79, 25.629,
232.581

Harmonies

Complementary

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



51, 7.565, 47.335



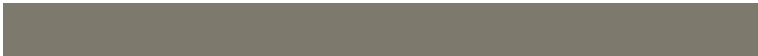
53, 6.889, 229.352

Rectangle

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



51, 7.565, 47.335



51, 7.565, 97.335



51, 7.565, 227.335



51, 7.565, 277.335

Sweetspot

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



51, 7.565, 47.349



69, 2.725, 47.769



50, 12.907, 334.015



36, 1.855, 47.757



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 7.565, 47.349



63, 11.550, 47.188



54, 9.906, 96.456



26, 2.506, 47.645



29, 57.076, 46.680



0, 0.582, 48.199

Inverse Universe

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



53, 6.889, 229.352



66, 10.254, 229.688



49, 10.037, 280.378



27, 2.385, 228.852



37, 28.260, 249.307



0, 0.582, 228.218

Previews

White Background



This preview shows how the CIELCh color 51, 7.565, 47.335 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, 7.565, 47.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

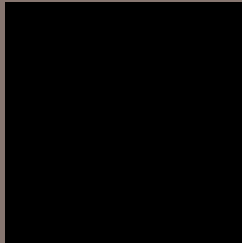
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 7.565, 47.335

Background



This preview shows how black text looks on a background with the CIELCh color 51, 7.565, 47.335.



This preview shows how white text looks on a background with the CIELCh color 51, 7.565, 47.335.

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


51, 7.565, 47.335

Protanopia

51, 4.545, 82.671

Deuteranopia

51, 8.910, 39.169



Tritanopia
51, 9.636, 347.678

Trichromacy



Original Color
51, 7.565, 47.335

Protanomaly
51, 5.514, 66.983

Deuteranomaly
51, 8.503, 40.072

Tritanomaly
51, 7.575, 6.986

Monochromacy



Original Color
51, 7.565, 47.335

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 2.667, 60.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 7.565, 47.335 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(134, 118, 112)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 112)  
}
```

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(134, 118, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 7.565, 47.335 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(134, 118, 112) }
```

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

```
.border{ border-color:rgb(134, 118, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 118, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 112);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 7.565, 47.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 112) }
```

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

```
.background{ background-color: rgb(134,  
118, 112) }
```

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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