Converting Colors

CIELCh(50, 11.409, 335.265)

Have a look what the booklet for CIELCh(50, 11.409, 335.265) contains.

Color

CIELCh(50, 11.466, 335.268)

Conversions

Format	Color
Hex	85717F
RGB	133, 113, 127
RGB Percent	52%, 44%, 50%
CMY	0.4773, 0.5558, 0.5009
CMYK	0.00, 0.15, 0.05, 0.48
HSL	318°, 8%, 48%
HSV	318°, 15%, 52%
XYZ	19.5002, 18.4187, 22.6995
YIQ	120.5760, 7.4260, 8.5940

Conversions Part 1

Conversions

Conversions Part 2

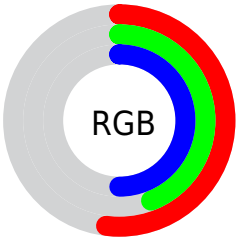
Format	Color
RYB	133, 113, 127
Decimal	8745343
CIELab	50.00, 10.41, -4.80
CIELCh	50, 11.466, 335.268
Yxy	18.4187, 0.3217, 0.3038
Android (android.graphics.Color)	4286935423 (0xFF85717F)
YUV	120.5760, 3.1670, 10.8958
Hunter-Lab	42.9170, 6.0006, -1.3176

Details

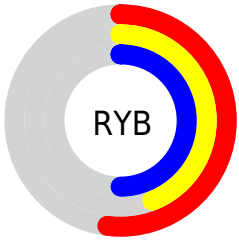
The CIELCh color 50, 11.466, 335.268 is a dark color, and the websafe version is hex 666666. A complement of this color would be 54, 11.390, 153.258, and the grayscale version is 51, 0.007, 296.813.

A 20% lighter version of the original color is 70, 11.410, 334.444, and 30, 11.421, 334.745 is the 20% darker color. If you saturate the color by 10%, you get 46, 19.178, 335.996, and if you desaturate by 10%, it is 54, 3.800, 334.549.

Distribution

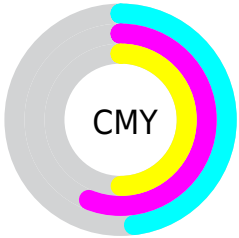


- Red (52%)
- Green (44%)
- Blue (50%)



- Red (52%)
- Yellow (44%)
- Blue (50%)

- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 11.466, 335.268 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 50, 11.466, 335.268 by changing the saturation by 10% instead.

50, 11.466, 335.268

50, 11.466, 335.268

100, 11.466, 335.268

40, 11.466, 335.268

70, 11.466, 335.268

30, 11.466, 335.268

80, 11.466, 335.268

20, 11.466, 335.268

90, 11.466, 335.268

10, 11.466, 335.268

0, 11.466, 335.268

50, 11.466, 335.268

50, 11.466, 335.268

46, 19.178, 335.996

43, 26.810, 336.765

40, 34.168, 337.590

37, 40.994, 338.487

34, 46.965, 339.481

32, 51.733, 340.611

30, 54.996, 341.931

29, 56.660, 343.496

29, 57.303,

54, 3.800, 334.549

58, 3.732, 154.045

61, 11.081, 153.399

65, 18.224, 152.822

69, 25.152, 152.283

73, 31.865, 151.776

77, 38.370, 151.299

81, 44.680, 150.850

85, 50.805, 150.427

344.307

Harmonies

Complementary

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

50, 11.466, 335.268

54, 11.390, 153.258

Rectangle

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

50, 11.466, 335.268

50, 11.466, 25.268

50, 11.466, 155.268

50, 11.466, 205.268

Sweetspot

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

50, 11.464, 335.269

69, 4.702, 334.557

49, 12.037, 302.689

35, 3.195, 334.603

86, 0.010, 296.813

37, 0.005, 296.813

Same Dimension

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

50, 11.464, 335.269

63, 17.076, 335.512

50, 8.559, 4.618

26, 4.272, 334.852

28, 56.322, 344.257

0, 1.016, 334.286

Inverse Universe

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

50, 11.464, 335.269

63, 17.076, 335.512

54, 8.081, 181.995

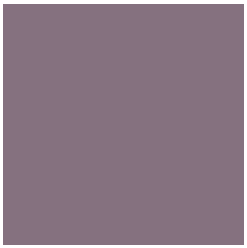
26, 4.272, 334.852

28, 56.322, 344.257

0, 1.016, 334.286

Previews

White Background

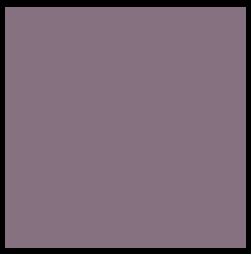


This preview shows how the CIELCh color 50, 11.466, 335.268 looks on a white background.

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



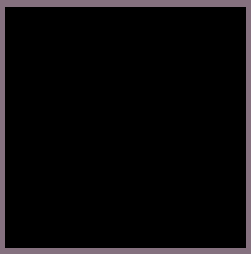
This preview shows how the CIELCh color 50, 11.466, 335.268 looks on a black background.

Color Contrast Check

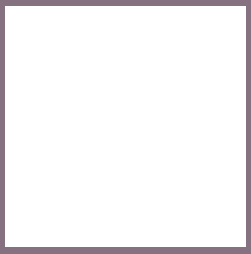
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 50, 11.466, 335.268 Background



This preview shows how black text looks on a background with the CIELCh color 50, 11.466, 335.268.



This preview shows how white text looks on a background with the CIELCh color 50, 11.466, 335.268.

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
50, 11.466, 335.268

Protanopia
50, 7.028, 291.094

Deuteranopia
50, 7.813, 324.873

Tritanopia
50, 9.324, 346.267

Trichromacy

Original Color
50, 11.466, 335.268

Protanomaly
50, 8.278, 313.385

Deuteranomaly
50, 8.998, 329.208

Tritanomaly
50, 10.002, 340.685

Monochromacy

Original Color
50, 11.466, 335.268

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 4.073, 334.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 11.466, 335.268 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(133, 113, 127) looks like.

```
.text, #text, p{
    color:rgb(133, 113, 127)
}
```

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(133, 113, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 11.466, 335.268 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(133, 113, 127) }
```

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

```
.border{ border-color:rgb(133, 113, 127) }
```

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

Here you see how a box with a 4 pixel rgb(133, 113, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 113, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 113, 127); box-shadow:4px 4px 4px 4px rgb(133, 113, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 11.466, 335.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(133, 113, 127) }
```

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

```
.background{ background-color:rgb(133,
113, 127) }
```

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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