

Converting Colors

CIELCh(50, 10.912, 348.986)

Have a look what the booklet for
CIELCh(50, 10.912, 348.986)
contains.

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Color

CIELCh(50, 11.007, 348.797)

Conversions

Conversions Part 1

Format	Color
Hex	88717B
RGB	136, 113, 123
RGB Percent	53%, 44%, 48%
CMY	0.4673, 0.5575, 0.5183
CMYK	0.00, 0.17, 0.10, 0.47
HSL	334°, 9%, 49%
HSV	334°, 17%, 53%
XYZ	19.5763, 18.4187, 21.2068
YIQ	121.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

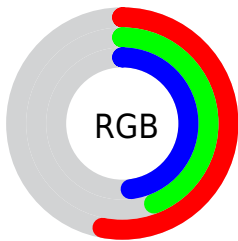
Format	Color
R_{YB}	136, 113, 123
Decimal	8941947
CIE _{Lab}	50.00, 10.80, -2.14
CIE _{LCh}	50, 11.007, 348.797
Yxy	18.4187, 0.3307, 0.3111
Android (android.graphics.Color)	4287132027 (0xFF88717B)
YUV	121.0170, 0.9776, 13.1401
Hunter-Lab	42.9170, 6.3170, 0.7445

Details

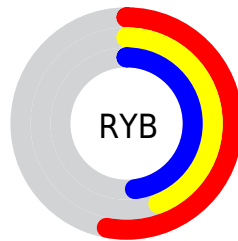
The CIELCh color $50, 11.007, 348.797$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 10.705, 165.876$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 10.640, 349.513$, and $30, 10.935, 349.818$ is the 20% darker color. If you saturate the color by 10%, you get $46, 17.686, 349.851$, and if you desaturate by 10%, it is $54, 4.444, 347.836$.

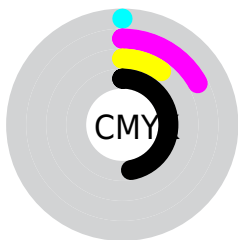
Distribution



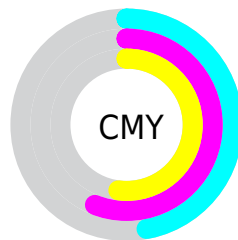
- Red (53%)
- Green (44%)
- Blue (48%)



- Red (53%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (47%)





- Cyan (47%)
- Magenta (56%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 11.007, 348.797 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, 11.007, 348.797 by changing the saturation by 10% instead.


 50, 11.007,
348.797


 50, 11.007,
348.797


 100, 11.007,
348.797


 40, 11.007,
348.797


 70, 11.007,
348.797

 30, 11.007,
348.797


 80, 11.007,
348.797


 20, 11.007,
348.797

 90, 11.007,
348.797

 10, 11.007,
348.797

 0, 11.007, 348.797

 50, 11.007,
348.797

 50, 11.007,
348.797

46, 17.686,
349.851

54, 4.444, 347.836

43, 24.379,
351.046

58, 1.934, 167.248

62, 8.098, 166.370

39, 30.914,
352.440

66, 14.036,
165.668

36, 37.056,
354.103

70, 19.750,
165.031

33, 42.507,
356.133

74, 25.251,
164.446

31, 46.952,
358.662

78, 30.551,
163.905

30, 50.152, 1.846

82, 35.665,
163.403

29, 52.219, 5.730

86, 40.608,
162.934

Harmonies

Complementary

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



50, 11.007, 348.797



55, 10.705, 165.876

Rectangle

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



50, 11.007, 348.797



50, 11.007, 38.797



50, 11.007, 168.797



50, 11.007, 218.797

Sweetspot

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



50, 11.005, 348.800



69, 3.954, 347.653



49, 14.413, 311.511



36, 2.721, 347.716



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 11.005, 348.800



62, 16.129, 349.155



50, 9.168, 24.583



27, 3.673, 348.051



27, 51.951, 6.808



0, 1.683, 347.320

Inverse Universe

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



50, 11.005, 348.800



62, 16.129, 349.155



55, 8.228, 203.265



27, 3.673, 348.051



27, 51.951, 6.808



0, 1.683, 347.320

Previews

White Background



This preview shows how the CIELCh color 50, 11.007, 348.797 looks on a white background.

Color Contrast Check

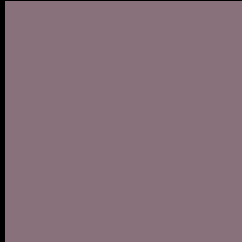
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 11.007, 348.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

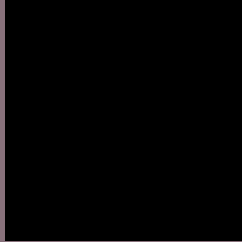
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 11.007, 348.797

Background



This preview shows how black text looks on a background with the CIELCh color 50, 11.007, 348.797.



This preview shows how white text looks on a background with the CIELCh color 50, 11.007, 348.797.

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, 11.007, 348.797

Protanopia
50, 4.709, 295.573

Deuteranopia
50, 7.001, 344.485



Tritanopia
50, 10.731, 351.479

Trichromacy



Original Color
50, 11.007, 348.797

Protanomaly
50, 6.406, 324.791

Deuteranomaly
50, 8.336, 346.320

Tritanomaly
50, 10.731, 351.479

Monochromacy



Original Color
50, 11.007, 348.797

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 3.996, 344.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 11.007, 348.797 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, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(136, 113, 123)  
}
```

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, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 113, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 11.007, 348.797 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, 113, 123) }
```

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

```
.border{ border-color:rgb(136, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(136, 113,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 11.007, 348.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 113, 123) }
```

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

```
.background{ background-color: rgb(136,  
113, 123) }
```

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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