

Converting Colors

CIELCh(50, 13.955, 332.179)

Have a look what the booklet for
CIELCh(50, 13.955, 332.179)
contains.

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Color

CIELCh(50, 13.955, 332.179)

Conversions

Conversions Part 1

Format	Color
Hex	877082
RGB	135, 112, 130
RGB Percent	53%, 44%, 51%
CMY	0.4698, 0.5600, 0.4894
CMYK	0.00, 0.17, 0.04, 0.47
HSL	313°, 9%, 49%
HSV	313°, 17%, 53%
XYZ	19.8851, 18.4187, 23.6991
YIQ	120.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

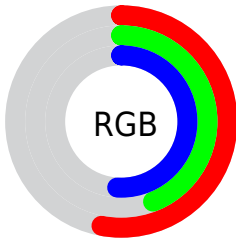
Format	Color
RYB	135, 112, 130
Decimal	8876162
CIELab	50.00, 12.34, -6.51
CIElCh	50, 13.955, 332.179
Yxy	18.4187, 0.3207, 0.2971
Android (android.graphics.Color)	4287066242 (0xFF877082)
YUV	120.9290, 4.4720, 12.3403
Hunter-Lab	42.9170, 7.6015, -2.6986

Details

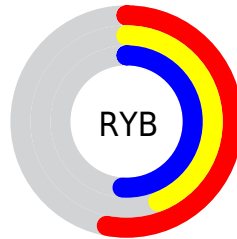
The CIELCh color $50, 13.955, 332.179$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 13.896, 150.022$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 13.763, 331.597$, and $30, 14.115, 331.611$ is the 20% darker color. If you saturate the color by 10%, you get $46, 22.199, 332.837$, and if you desaturate by 10%, it is $54, 5.719, 331.530$.

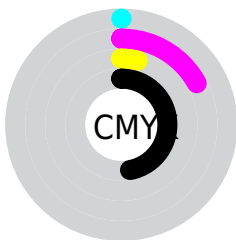
Distribution



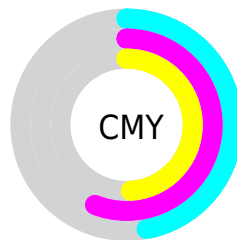
- Red (53%)
- Green (44%)
- Blue (51%)



- Red (53%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (47%)





- Cyan (47%)
- Magenta (56%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 13.955, 332.179 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, 13.955, 332.179 by changing the saturation by 10% instead.


 50, 13.955,
332.179


 50, 13.955,
332.179


 100, 13.955,
332.179


 40, 13.955,
332.179


 70, 13.955,
332.179

 30, 13.955,
332.179


 80, 13.955,
332.179


 20, 13.955,
332.179

 90, 13.955,
332.179

 10, 13.955,
332.179

 0, 13.955, 332.179

 50, 13.955,
332.179

 50, 13.955,
332.179

46, 22.199,
332.837

43, 30.302,
333.517

40, 38.044,
334.223

37, 45.139,
334.961

35, 51.248,
335.743

33, 56.020,
336.588

31, 59.178,
337.526

30, 60.795,
338.578

30, 61.220,

54, 5.719, 331.530

58, 2.403, 151.069

61, 10.349,
150.422

65, 18.086,
149.867

69, 25.598,
149.346

73, 32.882,
148.854

77, 39.944,
148.389

81, 46.793,
147.951

85, 53.440,
147.538

338.894

Harmonies

Complementary

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



50, 13.955, 332.179



54, 13.896, 150.022

Rectangle

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



50, 13.955, 332.179



50, 13.955, 22.179



50, 13.955, 152.179



50, 13.955, 202.179

Sweetspot

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



50, 13.953, 332.180



69, 5.049, 331.398



48, 13.730, 299.829



36, 3.473, 331.442



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, 13.953, 332.180



63, 20.364, 332.403



50, 10.177, 358.738



27, 4.677, 331.672



29, 60.379, 338.870



0, 2.157, 331.143

Inverse Universe

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



50, 13.953, 332.180



63, 20.364, 332.403



54, 9.680, 175.616



27, 4.677, 331.672



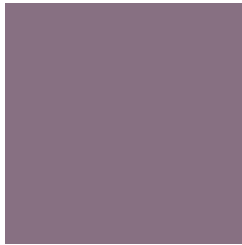
29, 60.379, 338.870



0, 2.157, 331.143

Previews

White Background



This preview shows how the CIELCh color 50, 13.955, 332.179 looks on a white background.

Color Contrast Check

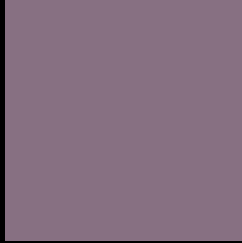
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 50, 13.955, 332.179 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, 13.955, 332.179

Background



This preview shows how black text looks on a background with the CIELCh color 50, 13.955, 332.179.



This preview shows how white text looks on a background with the CIELCh color 50, 13.955, 332.179.

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, 13.955, 332.179

Protanopia

50, 9.369, 289.067

Deuteranopia

50, 9.130, 316.605



Tritanopia
50, 9.377, 350.727

Trichromacy



Original Color
50, 13.955, 332.179

Protanomaly
50, 10.474, 308.604

Deuteranomaly
50, 10.412, 323.185

Tritanomaly
50, 10.996, 341.174

Monochromacy



Original Color
50, 13.955, 332.179

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 4.771, 332.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 13.955, 332.179 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(135, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 112, 130)  
}
```

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(135, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 112, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 13.955, 332.179 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(135, 112, 130) }
```

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

```
.border{ border-color:rgb(135, 112, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 112,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 13.955, 332.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 112, 130) }
```

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

```
.background{ background-color: rgb(135,  
112, 130) }
```

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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