

Converting Colors

CIELCh(50, 17.918, 326.333)

Have a look what the booklet for
CIELCh(50, 17.918, 326.333)
contains.

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Color

CIELCh(50, 17.825, 326.497)

Conversions

Conversions Part 1

Format	Color
Hex	896F88
RGB	137, 111, 136
RGB Percent	54%, 44%, 53%
CMY	0.4633, 0.5652, 0.4672
CMYK	0.00, 0.19, 0.01, 0.46
HSL	302°, 10%, 49%
HSV	302°, 19%, 54%
XYZ	20.3962, 18.4187, 25.7196
YIQ	121.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

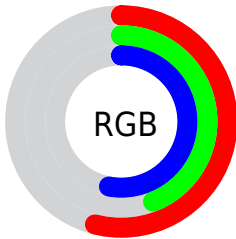
Format	Color
R_{YB}	137, 111, 136
Decimal	9006984
CIE _{Lab}	50.00, 14.86, -9.84
CIE _{LCh}	50, 17.825, 326.497
Yxy	18.4187, 0.3161, 0.2854
Android (android.graphics.Color)	4287197064 (0xFF896F88)
YUV	121.6240, 7.0874, 13.4848
Hunter-Lab	42.9170, 9.7272, -5.4899

Details

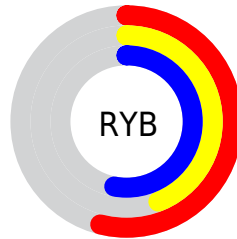
The CIELCh color $50, 17.825, 326.497$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 17.805, 144.316$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 17.634, 327.235$, and $30, 17.800, 326.981$ is the 20% darker color. If you saturate the color by 10%, you get $47, 27.201, 327.038$, and if you desaturate by 10%, it is $54, 8.403, 325.944$.

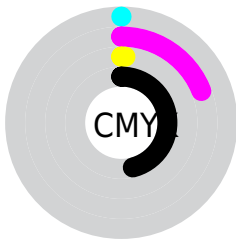
Distribution



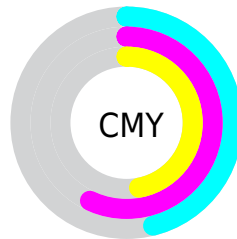
- Red (54%)
- Green (44%)
- Blue (53%)



- Red (54%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (46%)




- Cyan (46%)
- Magenta (57%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 17.825, 326.497 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, 17.825, 326.497 by changing the saturation by 10% instead.


 50, 17.825,
326.497


 50, 17.825,
326.497


 100, 17.825,
326.497


 40, 17.825,
326.497


 70, 17.825,
326.497

 30, 17.825,
326.497


 80, 17.825,
326.497


 20, 17.825,
326.497

 90, 17.825,
326.497

 10, 17.825,
326.497

 0, 17.825, 326.497

 50, 17.825,
326.497

 50, 17.825,
326.497

47, 27.201,
327.038

43, 36.346,
327.561

40, 45.003,
328.056

38, 52.858,
328.510

35, 59.560,
328.911

34, 64.782,
329.252

33, 68.304,
329.529

32, 70.447,
329.758

32, 70.656,

54, 8.403, 325.944

57, 0.928, 145.649

61, 10.084,
144.928

65, 19.013,
144.412

69, 27.688,
143.924

73, 36.100,
143.461

77, 44.247,
143.024

81, 52.136,
142.613

85, 59.780,
142.228

329.781

Harmonies

Complementary

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



50, 17.825, 326.497



54, 17.805, 144.316

Rectangle

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



50, 17.825, 326.497



50, 17.825, 16.497



50, 17.825, 146.497



50, 17.825, 196.497

Sweetspot

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



50, 17.823, 326.497



70, 6.954, 325.778



48, 15.377, 293.413



36, 4.596, 325.810



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, 17.823, 326.497



62, 26.828, 326.743



50, 12.699, 347.123



27, 5.301, 325.953



31, 69.062, 329.776



0, 2.447, 325.481

Inverse Universe

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



50, 17.823, 326.497



62, 26.828, 326.743



55, 12.362, 163.869



27, 5.301, 325.953



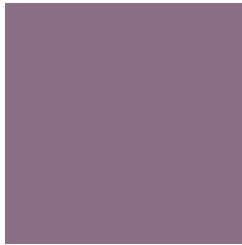
31, 69.062, 329.776



0, 2.447, 325.481

Previews

White Background



This preview shows how the CIELCh color 50, 17.825, 326.497 looks on a white background.

Color Contrast Check

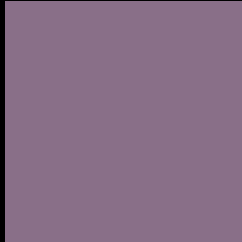
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 50, 17.825, 326.497 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, 17.825, 326.497

Background



This preview shows how black text looks on a background with the CIELCh color 50, 17.825, 326.497.



This preview shows how white text looks on a background with the CIELCh color 50, 17.825, 326.497.

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, 17.825, 326.497

Protanopia

50, 13.482, 287.197

Deuteranopia

50, 11.497, 305.081



Tritanopia
50, 10.375, 350.301

Trichromacy



Original Color
50, 17.825, 326.497

Protanomaly
50, 14.449, 304.029

Deuteranomaly
50, 13.506, 315.292

Tritanomaly
50, 13.023, 338.757

Monochromacy



Original Color
50, 17.825, 326.497

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 6.629, 327.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 17.825, 326.497 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(137, 111, 136)` looks like.

```
.text, #text, p{  
    color:rgb(137, 111, 136)  
}
```

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(137, 111, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 111, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 17.825, 326.497 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(137, 111, 136) }
```

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

```
.border{ border-color:rgb(137, 111, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 111, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 111, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 111, 136);  
box-shadow:4px 4px 4px 4px rgb(137, 111,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 17.825, 326.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 111, 136) }
```

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

```
.background{ background-color: rgb(137,  
111, 136) }
```

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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