

Converting Colors

CIELCh(50, 18.372, 336.561)

Have a look what the booklet for
CIELCh(50, 18.372, 336.561)
contains.

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Color

CIELCh(50, 18.724, 336.000)

Conversions

Conversions Part 1

Format	Color
Hex	8E6D84
RGB	142, 109, 132
RGB Percent	56%, 43%, 52%
CMY	0.4423, 0.5718, 0.4816
CMYK	0.00, 0.23, 0.07, 0.44
HSL	318°, 13%, 49%
HSV	318°, 23%, 56%
XYZ	20.8579, 18.4187, 24.3568
YIQ	121.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

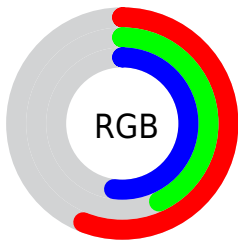
Format	Color
R_{YB}	142, 109, 132
Decimal	9334148
CIE _{Lab}	50.00, 17.11, -7.62
CIE _{LCh}	50, 18.724, 336.000
Yxy	18.4187, 0.3278, 0.2894
Android (android.graphics.Color)	4287524228 (0xFF8E6D84)
YUV	121.4890, 5.1819, 17.9881
Hunter-Lab	42.9170, 11.6474, -3.6072

Details

The CIELCh color $50, 18.724, 336.000$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 18.552, 152.688$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 18.532, 336.112$, and $30, 18.892, 335.088$ is the 20% darker color. If you saturate the color by 10%, you get $46, 26.780, 336.771$, and if you desaturate by 10%, it is $54, 10.605, 335.273$.

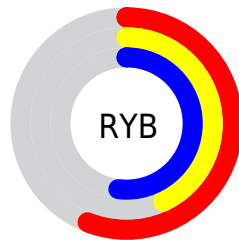
Distribution



Red (56%)

Green (43%)

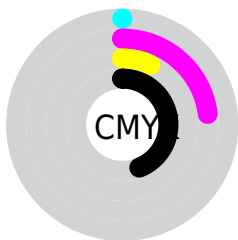
Blue (52%)



Red (56%)

Yellow (43%)

Blue (52%)

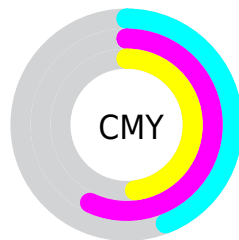


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (44%)



Cyan (44%)


Magenta (57%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 18.724, 336.000 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, 18.724, 336.000 by changing the saturation by 10% instead.


 50, 18.724,
336.000


 50, 18.724,
336.000


 100, 18.724,
336.000


 40, 18.724,
336.000


 70, 18.724,
336.000

 30, 18.724,
336.000


 80, 18.724,
336.000

 20, 18.724,
336.000

 90, 18.724,
336.000

 10, 18.724,
336.000

 0, 18.724, 336.000

 50, 18.724,
336.000

 50, 18.724,
336.000

46, 26.780,
336.771

54, 10.605,
335.273

43, 34.587,
337.595

58, 2.560, 334.519

40, 41.876,
338.492

62, 5.333, 154.036

37, 48.315,
339.485

66, 13.026,
153.406

35, 53.532,
340.612

70, 20.497,
152.833

33, 57.191,
341.926

74, 27.739,
152.296

32, 59.103,
343.497

78, 34.756,
151.792

31, 59.882,
344.652

83, 41.555,
151.317

87, 48.149,
150.871

Harmonies

Complementary

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



50, 18.724, 336.000



56, 18.552, 152.688

Rectangle

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



50, 18.724, 336.000



50, 18.724, 26.000



50, 18.724, 156.000



50, 18.724, 206.000

Sweetspot

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



50, 18.722, 336.001



71, 6.891, 334.837



48, 19.907, 303.261



37, 4.463, 334.872



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



50, 18.722, 336.001



61, 27.837, 336.408



50, 14.237, 5.577



28, 4.535, 334.985



29, 57.761, 344.550



1, 3.040, 334.409

Inverse Universe

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



50, 18.722, 336.001



61, 27.837, 336.408



57, 12.991, 181.215



28, 4.535, 334.985



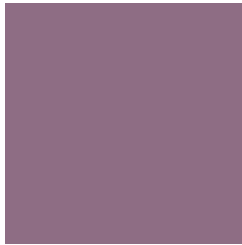
29, 57.761, 344.550



1, 3.040, 334.409

Previews

White Background



This preview shows how the CIELCh color 50, 18.724, 336.000 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, 18.724, 336.000 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, 18.724, 336.000

Background



This preview shows how black text looks on a background with the CIELCh color 50, 18.724, 336.000.



This preview shows how white text looks on a background with the CIELCh color 50, 18.724, 336.000.

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, 18.724, 336.000

Protanopia

50, 11.716, 288.028

Deuteranopia

50, 9.506, 312.936



Tritanopia
50, 13.372, 358.059

Trichromacy



Original Color
50, 18.724, 336.000

Protanomaly
50, 13.068, 310.558

Deuteranomaly
50, 12.035, 325.110

Tritanomaly
50, 14.972, 348.312

Monochromacy



Original Color
50, 18.724, 336.000

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 7.141, 332.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 18.724, 336.000 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(142, 109, 132)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 132)  
}
```

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(142, 109, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 18.724, 336.000 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(142, 109, 132) }
```

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

```
.border{ border-color:rgb(142, 109, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 132);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 18.724, 336.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 132) }
```

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

```
.background{ background-color: rgb(142,  
109, 132) }
```

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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