

Converting Colors

CIELCh(50, 31.546, 336.893)

Have a look what the booklet for
CIELCh(50, 31.546, 336.893)
contains.

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Color

CIELCh(50, 31.762, 336.814)

Conversions

Conversions Part 1

Format	Color
Hex	9E658D
RGB	158, 101, 141
RGB Percent	62%, 40%, 55%
CMY	0.3814, 0.6049, 0.4480
CMYK	0.00, 0.36, 0.11, 0.38
HSL	318°, 23%, 51%
HSV	318°, 36%, 62%
XYZ	23.4686, 18.4187, 27.4197
YIQ	122.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

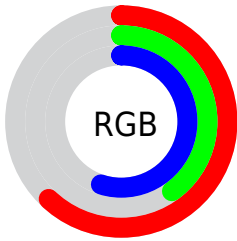
Format	Color
R _Y B	158, 101, 141
Decimal	10380685
CIE Lab	50.00, 29.20, -12.51
CIE LCh	50, 31.762, 336.814
Yxy	18.4187, 0.3386, 0.2658
Android (android.graphics.Color)	4288570765 (0xFF9E658D)
YUV	122.6030, 9.0697, 31.0432
Hunter-Lab	42.9170, 22.5056, -7.8386

Details

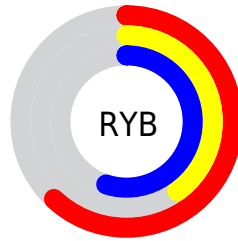
The CIELCh color $50, 31.762, 336.814$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 31.409, 151.232$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 31.914, 336.834$, and $30, 32.050, 336.344$ is the 20% darker color. If you saturate the color by 10%, you get $46, 40.132, 337.660$, and if you desaturate by 10%, it is $54, 23.023, 336.028$.

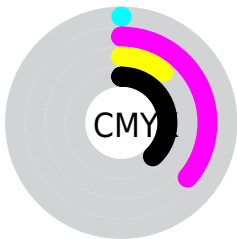
Distribution



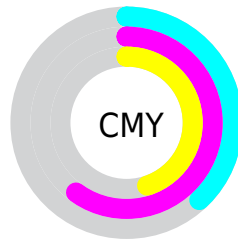
- Red (62%)
- Green (40%)
- Blue (55%)



- Red (62%)
- Yellow (40%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (11%)
- Black (38%)





- Cyan (38%)
- Magenta (60%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 31.762, 336.814 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, 31.762, 336.814 by changing the saturation by 10% instead.


 50, 31.762,
336.814


 50, 31.762,
336.814


 100, 31.762,
336.814


 40, 31.762,
336.814


 70, 31.762,
336.814

 30, 31.762,
336.814


 80, 31.762,
336.814


 20, 31.762,
336.814

 90, 31.762,
336.814

 10, 31.762,
336.814

 0, 31.762, 336.814

 50, 31.762,
336.814

 50, 31.762,
336.814

46, 40.132,
337.660

54, 23.023,
336.028

43, 47.819,
338.582

58, 14.162,
335.288

40, 54.431,
339.609

62, 5.340, 334.565

67, 3.336, 154.053

38, 59.558,
340.785

71, 11.806,
153.379

36, 62.872,
342.168

76, 20.036,
152.790

35, 64.313,
343.819

80, 28.015,
152.241

35, 64.692,
344.490

85, 35.744,
151.726

89, 43.232,
151.241

Harmonies

Complementary

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



50, 31.762, 336.814



60, 31.409, 151.232

Rectangle

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



50, 31.762, 336.814



50, 31.762, 26.814



50, 31.762, 156.814



50, 31.762, 206.814

Sweetspot

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



50, 31.760, 336.815



76, 11.877, 334.935



46, 34.415, 303.745



39, 7.969, 335.023



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



50, 31.760, 336.815



60, 46.285, 337.458



49, 24.855, 6.167



31, 4.953, 334.794



31, 60.247, 344.308



1, 6.271, 335.673

Inverse Universe

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



50, 31.760, 336.815



60, 46.285, 337.458



61, 21.572, 178.584



31, 4.953, 334.794



31, 60.247, 344.308



1, 6.271, 335.673

Previews

White Background



This preview shows how the CIELCh color 50, 31.762, 336.814 looks on a white background.

Color Contrast Check

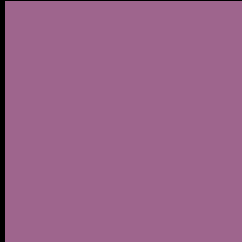
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.762, 336.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

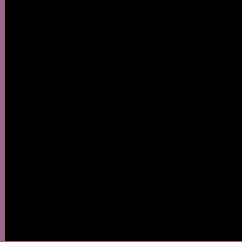
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 31.762, 336.814

Background



This preview shows how black text looks on a background with the CIELCh color 50, 31.762, 336.814.



This preview shows how white text looks on a background with the CIELCh color 50, 31.762, 336.814.

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, 31.762, 336.814

Protanopia

50, 20.580, 284.990

Deuteranopia

50, 13.133, 301.774



Tritanopia
50, 21.067, 9.511

Trichromacy



Original Color
50, 31.762, 336.814

Protanomaly
50, 22.486, 307.013

Deuteranomaly
50, 19.582, 321.570

Tritanomaly
50, 24.007, 353.858

Monochromacy



Original Color
50, 31.762, 336.814

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 12.133, 334.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 31.762, 336.814 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(158, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 101, 141)  
}
```

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(158, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 101, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 31.762, 336.814 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(158, 101, 141) }
```

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

```
.border{ border-color:rgb(158, 101, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 101, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 101,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 31.762, 336.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 101, 141) }
```

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

```
.background{ background-color: rgb(158,  
101, 141) }
```

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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