

Converting Colors

CIELCh(50, 24.430, 328.131)

Have a look what the booklet for
CIELCh(50, 24.430, 328.131)
contains.

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Color

CIELCh(50, 24.430, 328.131)

Conversions

Conversions Part 1

Format	Color
Hex	906B8D
RGB	144, 107, 141
RGB Percent	56%, 42%, 55%
CMY	0.4347, 0.5798, 0.4464
CMYK	0.00, 0.26, 0.02, 0.43
HSL	305°, 15%, 49%
HSV	305°, 26%, 57%
XYZ	21.6227, 18.4187, 27.6767
YIQ	121.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

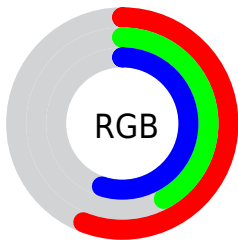
Format	Color
RYB	144, 107, 141
Decimal	9464717
CIELab	50.00, 20.75, -12.90
CIElCh	50, 24.430, 328.131
Yxy	18.4187, 0.3193, 0.2720
Android (android.graphics.Color)	4287654797 (0xFF906B8D)
YUV	121.9390, 9.3971, 19.3475
Hunter-Lab	42.9170, 14.8285, -8.1936

Details

The CIELCh color $50, 24.430, 328.131$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 24.401, 144.996$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 24.343, 327.693$, and $30, 24.550, 327.962$ is the 20% darker color. If you saturate the color by 10%, you get $46, 33.805, 328.691$, and if you desaturate by 10%, it is $54, 14.888, 327.564$.

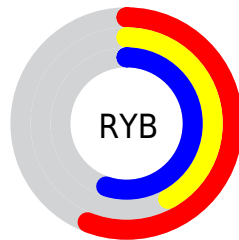
Distribution



Red (56%)

Green (42%)

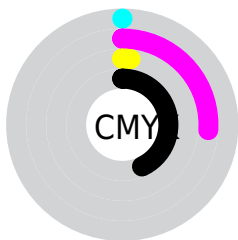
Blue (55%)



Red (56%)

Yellow (42%)

Blue (55%)

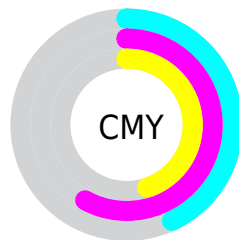


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (43%)



Cyan (43%)


Magenta (58%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 24.430, 328.131 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, 24.430, 328.131 by changing the saturation by 10% instead.


 50, 24.430,
328.131


 50, 24.430,
328.131


 100, 24.430,
328.131


 40, 24.430,
328.131


 70, 24.430,
328.131

 30, 24.430,
328.131


 80, 24.430,
328.131


 20, 24.430,
328.131

 90, 24.430,
328.131

 10, 24.430,
328.131

 0, 24.430, 328.131

 50, 24.430,
328.131

 50, 24.430,
328.131

46, 33.805,
328.691

54, 14.888,
327.564

43, 42.777,
329.237

58, 5.359, 326.980

40, 51.034,
329.759

62, 4.043, 146.528

66, 13.245,
145.961

38, 58.216,
330.249

70, 22.205,
145.446

36, 63.956,
330.702

74, 30.903,
144.957

34, 67.970,
331.120

78, 39.334,
144.494

34, 70.218,
331.510

82, 47.501,
144.058

33, 70.996,
331.675

86, 55.414,
143.647

Harmonies

Complementary

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



50, 24.430, 328.131



56, 24.401, 144.996

Rectangle

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



50, 24.430, 328.131



50, 24.430, 18.131



50, 24.430, 148.131



50, 24.430, 198.131

Sweetspot

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



50, 24.428, 328.131



72, 9.328, 327.131



47, 22.004, 295.392



37, 6.687, 327.212



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 24.428, 328.131



61, 36.280, 328.467



49, 17.673, 349.814



28, 5.306, 327.190



31, 67.766, 331.653



1, 3.563, 326.705

Inverse Universe

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



50, 24.428, 328.131



61, 36.280, 328.467



57, 16.938, 165.075



28, 5.306, 327.190



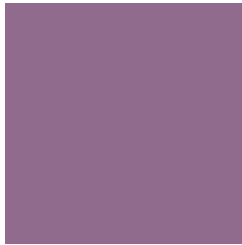
31, 67.766, 331.653



1, 3.563, 326.705

Previews

White Background



This preview shows how the CIELCh color 50, 24.430, 328.131 looks on a white background.

Color Contrast Check

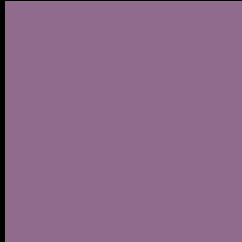
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.430, 328.131 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, 24.430, 328.131

Background



This preview shows how black text looks on a background with the CIELCh color 50, 24.430, 328.131.



This preview shows how white text looks on a background with the CIELCh color 50, 24.430, 328.131.

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, 24.430, 328.131

Protanopia

50, 18.204, 285.757

Deuteranopia

50, 13.649, 299.822



Tritanopia
50, 13.372, 358.059

Trichromacy



Original Color
50, 24.430, 328.131

Protanomaly
50, 19.194, 303.609

Deuteranomaly
50, 17.032, 313.038

Tritanomaly
50, 16.562, 342.230

Monochromacy



Original Color
50, 24.430, 328.131

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.731, 327.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 24.430, 328.131 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(144, 107, 141)` looks like.

```
.text, #text, p{  
    color:rgb(144, 107, 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(144, 107, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 107, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 24.430, 328.131 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(144, 107, 141) }
```

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

```
.border{ border-color:rgb(144, 107, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 107, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 107, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 107, 141);  
box-shadow:4px 4px 4px 4px rgb(144, 107,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 24.430, 328.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 107, 141) }
```

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

```
.background{ background-color: rgb(144,  
107, 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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