

Converting Colors

CIELCh(50, 23.074, 324.787)

Have a look what the booklet for
CIELCh(50, 23.074, 324.787)
contains.

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Color

CIELCh(50, 22.882, 324.811)

Conversions

Conversions Part 1

Format	Color
Hex	8D6D8E
RGB	141, 109, 142
RGB Percent	55%, 43%, 56%
CMY	0.4487, 0.5741, 0.4448
CMYK	0.01, 0.23, 0.00, 0.44
HSL	298°, 13%, 49%
HSV	298°, 23%, 56%
XYZ	21.1906, 18.4187, 27.8657
YIQ	122.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

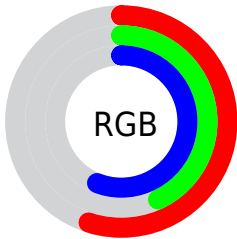
Format	Color
R_{YB}	141, 109, 142
Decimal	9268622
CIE _{Lab}	50.00, 18.70, -13.19
CIE _{LCh}	50, 22.882, 324.811
Yxy	18.4187, 0.3141, 0.2730
Android (android.graphics.Color)	4287458702 (0xFF8D6D8E)
YUV	122.3300, 9.6973, 16.3736
Hunter-Lab	42.9170, 13.0313, -8.4548

Details

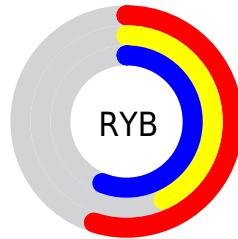
The CIELCh color $50, 22.882, 324.811$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 22.840, 142.215$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 22.858, 324.607$, and $30, 22.985, 324.258$ is the 20% darker color. If you saturate the color by 10%, you get $46, 32.634, 325.308$, and if you desaturate by 10%, it is $54, 13.019, 324.296$.

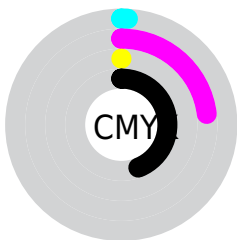
Distribution



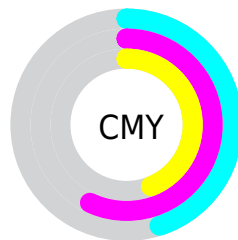
- Red (55%)
- Green (43%)
- Blue (56%)



- Red (55%)
- Yellow (43%)
- Blue (56%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (57%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 22.882, 324.811 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, 22.882, 324.811 by changing the saturation by 10% instead.


 50, 22.882,
324.811


 50, 22.882,
324.811


 100, 22.882,
324.811


 40, 22.882,
324.811


 70, 22.882,
324.811

 30, 22.882,
324.811


 80, 22.882,
324.811


 20, 22.882,
324.811

 90, 22.882,
324.811

 10, 22.882,
324.811

 0, 22.882, 324.811

 50, 22.882,
324.811

 50, 22.882,
324.811

46, 32.634,
325.308

54, 13.019,
324.296

43, 42.059,
325.774

58, 3.208, 323.739

40, 50.867,
326.193

62, 6.448, 143.326

38, 58.710,
326.545

66, 15.884,
142.819

36, 65.221,
326.813

70, 25.065,
142.346

34, 70.091,
326.983

74, 33.972,
141.898

33, 73.160,
327.047

78, 42.601,
141.477

32, 74.684,
327.061

82, 50.959,
141.082

86, 59.053,
140.714

Harmonies

Complementary

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



50, 22.882, 324.811



56, 22.840, 142.215

Rectangle

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



50, 22.882, 324.811



50, 22.882, 14.811



50, 22.882, 144.811



50, 22.882, 194.811

Sweetspot

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



50, 22.880, 324.811



71, 8.445, 323.968



47, 18.870, 291.484



37, 5.470, 323.994



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, 22.880, 324.811



62, 33.987, 325.077



50, 16.764, 343.829



28, 5.556, 324.078



31, 72.203, 327.066



1, 3.731, 323.628

Inverse Universe

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



49, 13.993, 18.718



60, 21.180, 19.309



56, 16.369, 159.941



28, 3.246, 17.424



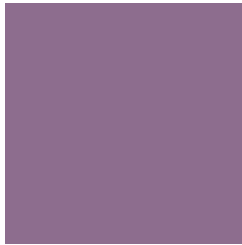
27, 63.164, 37.592



0, 2.124, 16.876

Previews

White Background



This preview shows how the CIELCh color 50, 22.882, 324.811 looks on a white background.

Color Contrast Check

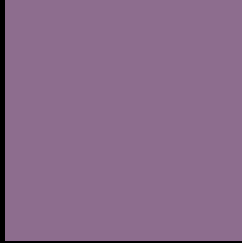
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.882, 324.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

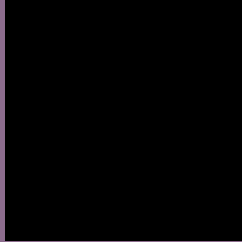
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 22.882, 324.811

Background



This preview shows how black text looks on a background with the CIELCh color 50, 22.882, 324.811.



This preview shows how white text looks on a background with the CIELCh color 50, 22.882, 324.811.

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, 22.882, 324.811

Protanopia

50, 17.627, 285.437

Deuteranopia

50, 14.228, 299.543



Tritanopia
50, 11.843, 354.623

Trichromacy



Original Color
50, 22.882, 324.811

Protanomaly
50, 18.406, 300.507

Deuteranomaly
50, 17.450, 311.170

Tritanomaly
50, 14.971, 339.805

Monochromacy



Original Color
50, 22.882, 324.811

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.503, 324.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 22.882, 324.811 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(141, 109, 142)` looks like.

```
.text, #text, p{  
    color:rgb(141, 109, 142)  
}
```

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(141, 109, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 109, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 22.882, 324.811 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(141, 109, 142) }
```

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

```
.border{ border-color:rgb(141, 109, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 109, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 109, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 109, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 109,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 22.882, 324.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 109, 142) }
```

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

```
.background{ background-color: rgb(141,  
109, 142) }
```

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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