

Converting Colors

CIELCh(50, 27.035, 325.861)

Have a look what the booklet for
CIELCh(50, 27.035, 325.861)
contains.

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Color

CIELCh(50, 27.163, 325.859)

Conversions

Conversions Part 1

Format	Color
Hex	916A91
RGB	145, 106, 145
RGB Percent	57%, 42%, 57%
CMY	0.4308, 0.5838, 0.4308
CMYK	0.00, 0.27, 0.00, 0.43
HSL	300°, 16%, 49%
HSV	300°, 27%, 57%
XYZ	21.9934, 18.4187, 29.2430
YIQ	122.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

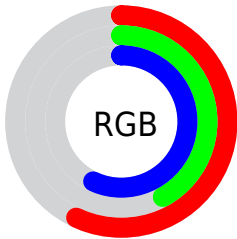
Format	Color
R_{YB}	145, 106, 145
Decimal	9530001
CIE _{Lab}	50.00, 22.48, -15.24
CIE _{LCh}	50, 27.163, 325.859
Yxy	18.4187, 0.3157, 0.2644
Android (android.graphics.Color)	4287720081 (0xFF916A91)
YUV	122.1070, 11.2862, 20.0772
Hunter-Lab	42.9170, 16.3702, -10.3574

Details

The CIELCh color $50, 27.163, 325.859$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 27.155, 142.678$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 26.941, 325.554$, and $30, 26.953, 326.350$ is the 20% darker color. If you saturate the color by 10%, you get $47, 37.069, 326.367$, and if you desaturate by 10%, it is $54, 17.044, 325.329$.

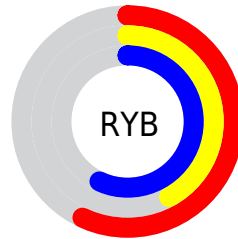
Distribution



Red (57%)

Green (42%)

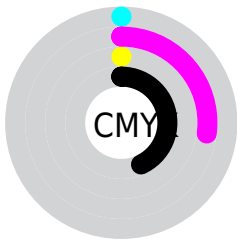
Blue (57%)



Red (57%)

Yellow (42%)

Blue (57%)

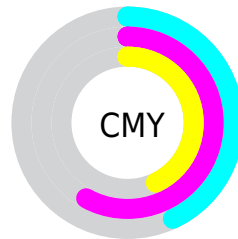


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (58%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 27.163, 325.859 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, 27.163, 325.859 by changing the saturation by 10% instead.


 50, 27.163,
325.859


 50, 27.163,
325.859


 100, 27.163,
325.859


 40, 27.163,
325.859


 70, 27.163,
325.859

 30, 27.163,
325.859


 80, 27.163,
325.859


 20, 27.163,
325.859

 90, 27.163,
325.859

 10, 27.163,
325.859

 0, 27.163, 325.859

 50, 27.163,
325.859

 50, 27.163,
325.859

47, 37.069,
326.367

54, 17.044,
325.329

43, 46.507,
326.841

58, 6.910, 324.779

41, 55.147,
327.263

61, 3.107, 144.345

38, 62.621,
327.620

66, 12.920,
143.778

36, 68.578,
327.898

70, 22.479,
143.272

35, 72.766,
328.090

74, 31.756,
142.792

34, 75.260,
328.204

78, 40.744,
142.338

34, 75.942,
328.234

82, 49.443,
141.911

86, 57.860,
141.511

Harmonies

Complementary

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



50, 27.163, 325.859



56, 27.155, 142.678

Rectangle

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



50, 27.163, 325.859



50, 27.163, 15.859



50, 27.163, 145.859



50, 27.163, 195.859

Sweetspot

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



50, 27.161, 325.859



73, 9.970, 324.852



46, 23.193, 293.287



37, 7.068, 324.930



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, 27.161, 325.859



62, 39.972, 326.157



49, 19.368, 346.021



28, 5.608, 324.908



32, 72.101, 328.234



1, 3.767, 324.440

Inverse Universe

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



50, 27.161, 325.859



62, 39.972, 326.157



57, 18.750, 161.283



28, 5.608, 324.908



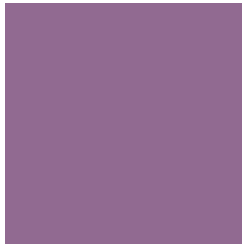
32, 72.101, 328.234



1, 3.767, 324.440

Previews

White Background



This preview shows how the CIELCh color 50, 27.163, 325.859 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, 27.163, 325.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

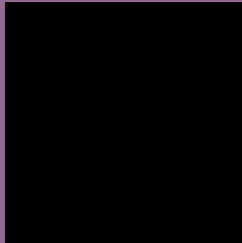
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 27.163, 325.859

Background



This preview shows how black text looks on a background with the CIELCh color 50, 27.163, 325.859.



This preview shows how white text looks on a background with the CIELCh color 50, 27.163, 325.859.

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, 27.163, 325.859

Protanopia

50, 20.580, 284.990

Deuteranopia

50, 15.258, 294.897



Tritanopia
50, 13.757, 358.806

Trichromacy



Original Color
50, 27.163, 325.859

Protanomaly
50, 21.425, 301.588

Deuteranomaly
50, 19.215, 310.593

Tritanomaly
50, 17.890, 341.042

Monochromacy



Original Color
50, 27.163, 325.859

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.914, 324.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 27.163, 325.859 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(145, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 106, 145)  
}
```

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(145, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 106, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 27.163, 325.859 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(145, 106, 145) }
```

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

```
.border{ border-color:rgb(145, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 106, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 106, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 106,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 27.163, 325.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 106, 145) }
```

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

```
.background{ background-color: rgb(145,  
106, 145) }
```

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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