

Converting Colors

CIELCh(50, 26.300, 336.939)

Have a look what the booklet for
CIELCh(50, 26.300, 336.939)
contains.

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Color

CIELCh(50, 26.729, 337.067)

Conversions

Conversions Part 1

Format	Color
Hex	986889
RGB	152, 104, 137
RGB Percent	60%, 41%, 54%
CMY	0.4035, 0.5917, 0.4623
CMYK	0.00, 0.32, 0.10, 0.40
HSL	319°, 19%, 50%
HSV	319°, 32%, 60%
XYZ	22.4554, 18.4187, 26.0808
YIQ	122.1140, 18.0150, 20.4390

Conversions

Conversions Part 2

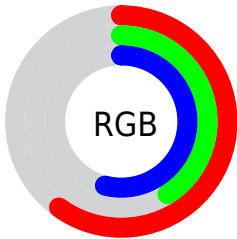
Format	Color
R_{YB}	152, 104, 137
Decimal	9988233
CIE _{Lab}	50.00, 24.62, -10.42
CIE _{LCh}	50, 26.729, 337.067
Yxy	18.4187, 0.3354, 0.2751
Android (android.graphics.Color)	4288178313 (0xFF986889)
YUV	122.1140, 7.3388, 26.2100
Hunter-Lab	42.9170, 18.2919, -5.9889

Details

The CIELCh color $50, 26.729, 337.067$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 26.410, 152.268$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 26.444, 337.479$, and $30, 26.535, 337.183$ is the 20% darker color. If you saturate the color by 10%, you get $46, 34.982, 337.903$, and if you desaturate by 10%, it is $54, 18.244, 336.289$.

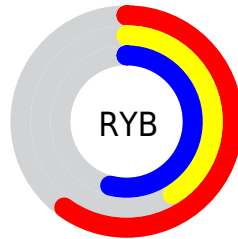
Distribution



Red (60%)

Green (41%)

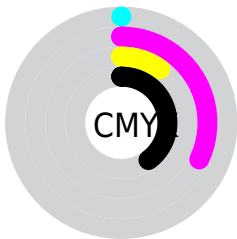
Blue (54%)



Red (60%)

Yellow (41%)

Blue (54%)

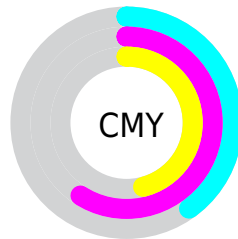


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (40%)



Cyan (40%)


Magenta (59%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 26.729, 337.067 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, 26.729, 337.067 by changing the saturation by 10% instead.


 50, 26.729,
337.067


 50, 26.729,
337.067


 100, 26.729,
337.067


 40, 26.729,
337.067


 70, 26.729,
337.067

 30, 26.729,
337.067


 80, 26.729,
337.067


 20, 26.729,
337.067

 90, 26.729,
337.067

 10, 26.729,
337.067

 0, 26.729, 337.067

 50, 26.729,
337.067

 50, 26.729,
337.067

46, 34.982,
337.903

54, 18.244,
336.289

43, 42.737,
338.814

58, 9.727, 335.553

62, 1.304, 334.688

40, 49.645,
339.824

67, 6.945, 154.304

37, 55.313,
340.974

71, 14.977,
153.680

35, 59.371,
342.319

75, 22.771,
153.107

34, 61.590,
343.932

80, 30.322,
152.571

33, 62.464,
345.471

84, 37.636,
152.067

88, 44.723,
151.593

Harmonies

Complementary

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



50, 26.729, 337.067



59, 26.410, 152.268

Rectangle

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



50, 26.729, 337.067



50, 26.729, 27.067



50, 26.729, 157.067



50, 26.729, 207.067

Sweetspot

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



50, 26.727, 337.068



75, 9.408, 335.380



47, 29.008, 303.908



39, 6.527, 335.478



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



50, 26.727, 337.068



61, 39.900, 337.664



49, 20.832, 6.711



30, 4.771, 335.384



31, 58.949, 345.308



1, 5.076, 335.273

Inverse Universe

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



50, 26.727, 337.068



61, 39.900, 337.664



59, 18.319, 180.383



30, 4.771, 335.384



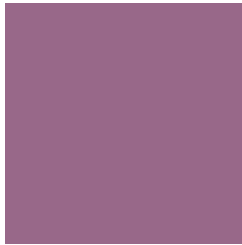
31, 58.949, 345.308



1, 5.076, 335.273

Previews

White Background



This preview shows how the CIELCh color 50, 26.729, 337.067 looks on a white background.

Color Contrast Check

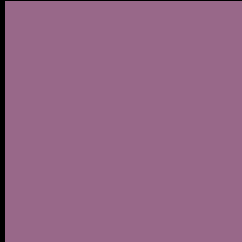
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.729, 337.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

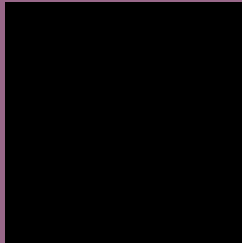
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 26.729, 337.067

Background



This preview shows how black text looks on a background with the CIELCh color 50, 26.729, 337.067.



This preview shows how white text looks on a background with the CIELCh color 50, 26.729, 337.067.

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, 26.729, 337.067

Protanopia

50, 17.017, 286.285

Deuteranopia

50, 11.594, 306.941



Tritanopia
50, 18.100, 6.928

Trichromacy



Original Color
50, 26.729, 337.067

Protanomaly
50, 18.442, 308.887

Deuteranomaly
50, 16.496, 323.014

Tritanomaly
50, 20.384, 353.197

Monochromacy



Original Color
50, 26.729, 337.067

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 10.069, 336.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 26.729, 337.067 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(152, 104, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 104, 137)  
}
```

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(152, 104, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 104, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 26.729, 337.067 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(152, 104, 137) }
```

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

```
.border{ border-color:rgb(152, 104, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 104, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 104, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 104, 137); box-shadow:4px 4px 4px 4px rgb(152, 104, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 26.729, 337.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 104, 137) }
```

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

```
.background{ background-color: rgb(152,  
104, 137) }
```

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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