

Converting Colors

CIELCh(50, 29.394, 322.102)

Have a look what the booklet for
CIELCh(50, 29.394, 322.102)
contains.

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Color

CIELCh(50, 29.376, 322.008)

Conversions

Conversions Part 1

Format	Color
Hex	906A96
RGB	144, 106, 150
RGB Percent	56%, 42%, 59%
CMY	0.4355, 0.5845, 0.4120
CMYK	0.04, 0.29, 0.00, 0.41
HSL	292°, 17%, 50%
HSV	292°, 29%, 59%
XYZ	22.1376, 18.4187, 31.2150
YIQ	122.3780, 8.5240, 21.7400

Conversions

Conversions Part 2

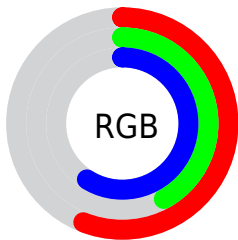
Format	Color
RYB	144, 106, 150
Decimal	9464470
CIELab	50.00, 23.15, -18.08
CIELCh	50, 29.376, 322.008
Yxy	18.4187, 0.3084, 0.2566
Android (android.graphics.Color)	4287654550 (0xFF906A96)
YUV	122.3780, 13.6176, 18.9625
Hunter-Lab	42.9170, 16.9700, -13.0818

Details

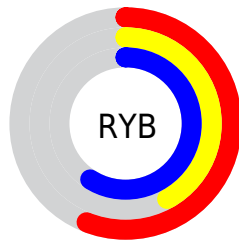
The CIELCh color $50, 29.376, 322.008$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 29.131, 139.057$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 29.022, 321.901$, and $30, 29.351, 322.149$ is the 20% darker color. If you saturate the color by 10%, you get $46, 39.289, 322.438$, and if you desaturate by 10%, it is $54, 19.309, 321.553$.

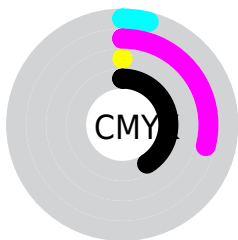
Distribution



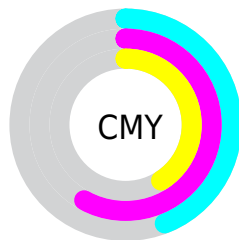
- Red (56%)
- Green (42%)
- Blue (59%)



- Red (56%)
- Yellow (42%)
- Blue (59%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)





- Cyan (44%)
- Magenta (58%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 29.376, 322.008 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, 29.376, 322.008 by changing the saturation by 10% instead.

 50, 29.376,
322.008


 50, 29.376,
322.008

 100, 29.376,
322.008


 40, 29.376,
322.008


 70, 29.376,
322.008

 30, 29.376,
322.008


 80, 29.376,
322.008

 20, 29.376,
322.008

 90, 29.376,
322.008

 10, 29.376,
322.008

 0, 29.376, 322.008

 50, 29.376,
322.008

 50, 29.376,
322.008

46, 39.289,
322.438

54, 19.309,
321.553

43, 48.807,
322.823

58, 9.267, 321.084

39, 57.601,
323.135

62, 0.639, 140.935

37, 65.274,
323.344

67, 10.338,
140.230

34, 71.417,
323.416

71, 19.790,
139.803

33, 75.701,
323.325

75, 28.976,
139.406

32, 78.398,
323.093

80, 37.891,
139.037

32, 78.571,
323.078

84, 46.538,
138.694

88, 54.925,
138.378

Harmonies

Complementary

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



50, 29.376, 322.008



58, 29.131, 139.057

Rectangle

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



50, 29.376, 322.008



50, 29.376, 12.008



50, 29.376, 142.008



50, 29.376, 192.008

Sweetspot

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



50, 29.374, 322.008



74, 11.004, 321.076



48, 22.094, 287.104



38, 7.632, 321.139



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 29.374, 322.008



61, 43.156, 322.285



50, 23.951, 338.571



29, 5.541, 321.077



29, 73.836, 323.116



1, 4.812, 320.676

Inverse Universe

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



49, 18.863, 11.239



60, 28.173, 12.163



58, 23.598, 154.007



29, 3.392, 8.933



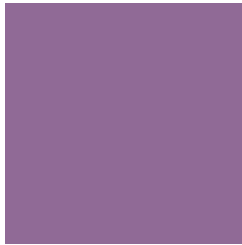
28, 60.484, 32.511



1, 2.891, 8.216

Previews

White Background



This preview shows how the CIELCh color 50, 29.376, 322.008 looks on a white background.

Color Contrast Check

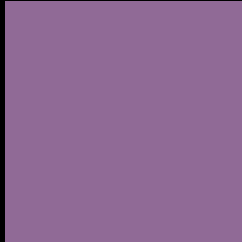
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.376, 322.008 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, 29.376, 322.008

Background



This preview shows how black text looks on a background with the CIELCh color 50, 29.376, 322.008.



This preview shows how white text looks on a background with the CIELCh color 50, 29.376, 322.008.

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, 29.376, 322.008

Protanopia

50, 24.098, 285.123

Deuteranopia

50, 18.146, 291.354



Tritanopia
50, 12.392, 358.914

Trichromacy



Original Color
50, 29.376, 322.008

Protanomaly
50, 24.797, 298.980

Deuteranomaly
50, 21.724, 305.451

Tritanomaly
50, 17.368, 336.743

Monochromacy



Original Color
50, 29.376, 322.008

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 10.890, 321.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 29.376, 322.008 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, 106, 150)` looks like.

```
.text, #text, p{  
    color:rgb(144, 106, 150)  
}
```

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, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 106, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 29.376, 322.008 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, 106, 150) }
```

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

```
.border{ border-color:rgb(144, 106, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 106, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(144, 106,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 29.376, 322.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 106, 150) }
```

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

```
.background{ background-color: rgb(144,  
106, 150) }
```

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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