

Converting Colors

CIELCh(50, 29.030, 321.767)

Have a look what the booklet for
CIELCh(50, 29.030, 321.767)
contains.

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Color

CIELCh(50, 29.213, 321.323)

Conversions

Conversions Part 1

Format	Color
Hex	8F6A96
RGB	143, 106, 150
RGB Percent	56%, 42%, 59%
CMY	0.4384, 0.5835, 0.4109
CMYK	0.05, 0.29, 0.00, 0.41
HSL	290°, 17%, 50%
HSV	290°, 29%, 59%
XYZ	22.0632, 18.4187, 31.3384
YIQ	122.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

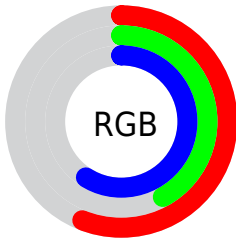
Format	Color
R_{YB}	143, 106, 150
Decimal	9398934
CIE _{Lab}	50.00, 22.81, -18.26
CIE _{LCh}	50, 29.213, 321.323
Yxy	18.4187, 0.3072, 0.2565
Android (android.graphics.Color)	4287589014 (0xFF8F6A96)
YUV	122.0790, 13.7651, 18.3477
Hunter-Lab	42.9170, 16.6605, -13.2523

Details

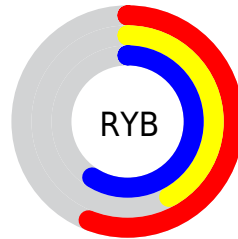
The CIELCh color $50, 29.213, 321.323$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 28.923, 138.450$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 28.856, 321.252$, and $30, 29.204, 321.404$ is the 20% darker color. If you saturate the color by 10%, you get $46, 39.119, 321.746$, and if you desaturate by 10%, it is $54, 19.175, 320.875$.

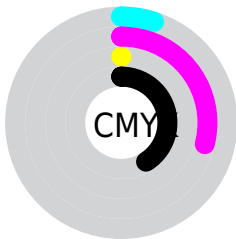
Distribution



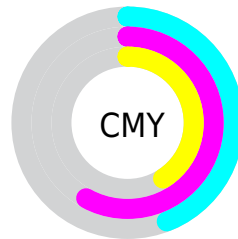
- Red (56%)
- Green (42%)
- Blue (59%)



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



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 29.213, 321.323 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, 29.213, 321.323 by changing the saturation by 10% instead.


 50, 29.213,
321.323


 50, 29.213,
321.323


 100, 29.213,
321.323


 40, 29.213,
321.323


 70, 29.213,
321.323

 30, 29.213,
321.323


 80, 29.213,
321.323


 20, 29.213,
321.323

 90, 29.213,
321.323

 10, 29.213,
321.323

 0, 29.213, 321.323

 50, 29.213,
321.323

 50, 29.213,
321.323

46, 39.119,
321.746

54, 19.175,
320.875

43, 48.658,
322.124

58, 9.175, 320.415

39, 57.505,
322.428

62, 0.680, 140.253

36, 65.265,
322.624

67, 10.324,
139.582

34, 71.516,
322.677

71, 19.721,
139.167

32, 75.911,
322.553

75, 28.853,
138.783

31, 78.699,
322.278

80, 37.717,
138.426

31, 78.890,
322.259

84, 46.316,
138.097

89, 54.659,
137.794

Harmonies

Complementary

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



50, 29.213, 321.323



58, 28.923, 138.450

Rectangle

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



50, 29.213, 321.323



50, 29.213, 11.323



50, 29.213, 141.323



50, 29.213, 191.323

Sweetspot

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



50, 29.211, 321.323



75, 11.048, 320.410



49, 21.663, 286.230



39, 7.746, 320.473



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, 29.211, 321.323



61, 43.396, 321.599



50, 24.223, 337.807



29, 5.504, 320.410



28, 74.031, 322.303



1, 4.779, 320.019

Inverse Universe

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



50, 18.912, 9.495



61, 28.520, 10.436



58, 23.904, 153.324



29, 3.412, 7.158



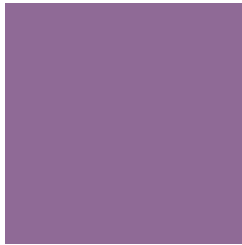
28, 59.599, 30.996



1, 2.911, 6.420

Previews

White Background



This preview shows how the CIELCh color 50, 29.213, 321.323 looks on a white 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

Black Background



This preview shows how the CIELCh color 50, 29.213, 321.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

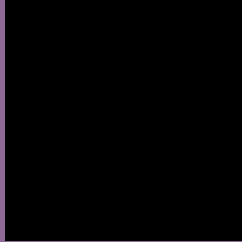
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 29.213, 321.323

Background



This preview shows how black text looks on a background with the CIELCh color 50, 29.213, 321.323.



This preview shows how white text looks on a background with the CIELCh color 50, 29.213, 321.323.

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, 29.213, 321.323

Protanopia

50, 24.098, 285.123

Deuteranopia

50, 18.146, 291.354



Tritanopia
50, 12.216, 355.550

Trichromacy



Original Color
50, 29.213, 321.323

Protanomaly
50, 24.797, 298.980

Deuteranomaly
50, 21.724, 305.451

Tritanomaly
50, 17.762, 335.373

Monochromacy



Original Color
50, 29.213, 321.323

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, 29.213, 321.323 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(143, 106, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 106, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 106, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 29.213, 321.323 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(143, 106, 150) }
```

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

```
.border{ border-color:rgb(143, 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(143, 106, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 106, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 106, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 106,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 29.213, 321.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 106, 150) }
```

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

```
.background{ background-color: rgb(143,  
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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