

Converting Colors

CIELCh(50, 30.497, 325.055)

Have a look what the booklet for
CIELCh(50, 30.497, 325.055)
contains.

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Color

CIELCh(50, 30.102, 324.696)

Conversions

Conversions Part 1

Format	Color
Hex	936995
RGB	147, 105, 149
RGB Percent	58%, 41%, 58%
CMY	0.4242, 0.5889, 0.4164
CMYK	0.01, 0.30, 0.00, 0.42
HSL	297°, 17%, 50%
HSV	297°, 30%, 58%
XYZ	22.4445, 18.4187, 30.7303
YIQ	122.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

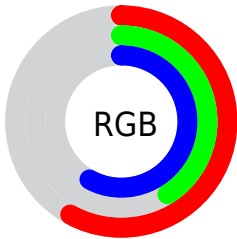
Format	Color
R_{YB}	147, 105, 149
Decimal	9660821
CIE _{Lab}	50.00, 24.57, -17.40
CIE _{LCh}	50, 30.102, 324.696
Yxy	18.4187, 0.3135, 0.2573
Android (android.graphics.Color)	4287850901 (0xFF936995)
YUV	122.5740, 13.0280, 21.4216
Hunter-Lab	42.9170, 18.2464, -12.4122

Details

The CIELCh color $50, 30.102, 324.696$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 30.026, 141.361$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 29.932, 325.056$, and $30, 30.025, 325.093$ is the 20% darker color. If you saturate the color by 10%, you get $46, 40.052, 325.168$, and if you desaturate by 10%, it is $54, 19.910, 324.198$.

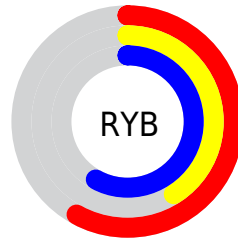
Distribution



Red (58%)

Green (41%)

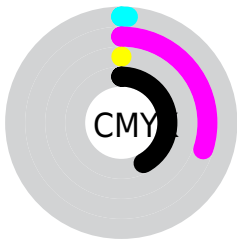
Blue (58%)



Red (58%)

Yellow (41%)

Blue (58%)

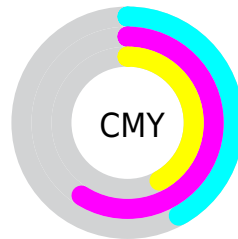


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (42%)



Cyan (42%)


Magenta (59%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 30.102, 324.696 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, 30.102, 324.696 by changing the saturation by 10% instead.


 50, 30.102,
324.696


 50, 30.102,
324.696


 100, 30.102,
324.696


 40, 30.102,
324.696


 70, 30.102,
324.696

 30, 30.102,
324.696


 80, 30.102,
324.696


 20, 30.102,
324.696

 90, 30.102,
324.696

 10, 30.102,
324.696

 0, 30.102, 324.696

 50, 30.102,
324.696

 50, 30.102,
324.696

46, 40.052,
325.168

54, 19.910,
324.198

43, 49.493,
325.597

58, 9.685, 323.683

40, 58.077,
325.964

62, 0.437, 143.657

38, 65.420,
326.248

66, 10.366,
142.730

36, 71.156,
326.430

70, 20.049,
142.247

35, 75.037,
326.499

74, 29.457,
141.792

34, 77.418,
326.477

79, 38.579,
141.364

34, 77.519,
326.476

83, 47.416,
140.962

87, 55.976,
140.587

Harmonies

Complementary

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



50, 30.102, 324.696



58, 30.026, 141.361

Rectangle

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



50, 30.102, 324.696



50, 30.102, 14.696



50, 30.102, 144.696



50, 30.102, 194.696

Sweetspot

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



50, 30.100, 324.696



74, 11.308, 323.663



47, 24.800, 291.727



38, 7.842, 323.733



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, 30.100, 324.696



62, 44.086, 324.991



50, 22.455, 343.556



29, 5.694, 323.664



31, 73.253, 326.488



1, 4.950, 323.219

Inverse Universe

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



49, 18.881, 18.279



60, 28.281, 19.108



58, 21.850, 158.484



29, 3.345, 16.206



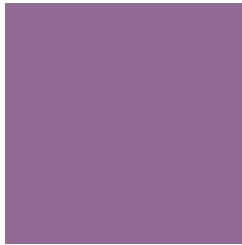
28, 63.654, 37.106



1, 2.837, 15.623

Previews

White Background



This preview shows how the CIELCh color 50, 30.102, 324.696 looks on a white background.

Color Contrast Check

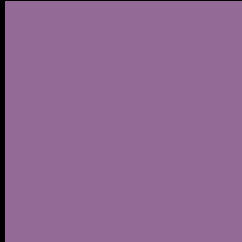
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.102, 324.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

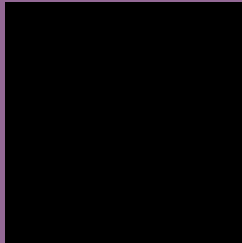
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 30.102, 324.696

Background



This preview shows how black text looks on a background with the CIELCh color 50, 30.102, 324.696.



This preview shows how white text looks on a background with the CIELCh color 50, 30.102, 324.696.

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, 30.102, 324.696

Protanopia

50, 23.525, 284.822

Deuteranopia

50, 17.565, 292.417



Tritanopia
50, 13.979, 1.767

Trichromacy



Original Color
50, 30.102, 324.696

Protanomaly
50, 24.915, 300.627

Deuteranomaly
50, 21.332, 307.735

Tritanomaly
50, 18.542, 340.509

Monochromacy



Original Color
50, 30.102, 324.696

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 11.093, 323.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 30.102, 324.696 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(147, 105, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 105, 149)  
}
```

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(147, 105, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 105, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 30.102, 324.696 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(147, 105, 149) }
```

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

```
.border{ border-color:rgb(147, 105, 149) }
```

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

Here you see how a box with a 4 pixel rgb(147, 105, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 105, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 105, 149);  
box-shadow:4px 4px 4px 4px rgb(147, 105,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 30.102, 324.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 105, 149) }
```

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

```
.background{ background-color: rgb(147,  
105, 149) }
```

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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