

Converting Colors

CIELCh(49, 23.826, 330.674)

Have a look what the booklet for
CIELCh(49, 23.826, 330.674)
contains.

CIELCh(49, 23.598, 329.873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(49, 23.598, 329.873)

Conversions

Conversions Part 1

Format	Color
Hex	8E6989
RGB	142, 105, 137
RGB Percent	56%, 41%, 54%
CMY	0.4440, 0.5890, 0.4636
CMYK	0.00, 0.26, 0.04, 0.44
HSL	308°, 15%, 48%
HSV	308°, 26%, 56%
XYZ	20.6500, 17.5941, 25.8954
YIQ	119.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

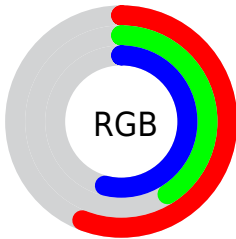
Format	Color
R_{YB}	142, 105, 137
Decimal	9333129
CIE _{Lab}	49.00, 20.41, -11.84
CIE _{LCh}	49, 23.598, 329.873
Yxy	17.5941, 0.3220, 0.2743
Android (android.graphics.Color)	4287523209 (0xFF8E6989)
YUV	119.7110, 8.5235, 19.5475
Hunter-Lab	41.9453, 14.4728, -7.2417

Details

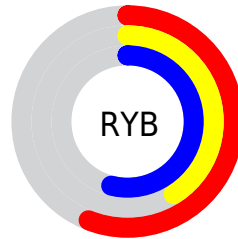
The CIELCh color $49, 23.598, 329.873$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $55, 23.544, 146.578$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 23.126, 330.156$, and $29, 23.667, 329.858$ is the 20% darker color. If you saturate the color by 10%, you get $45, 32.511, 330.475$, and if you desaturate by 10%, it is $53, 14.525, 329.275$.

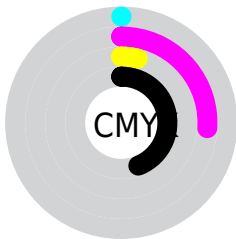
Distribution



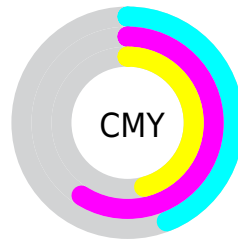
- Red (56%)
- Green (41%)
- Blue (54%)



- Red (56%)
- Yellow (41%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (44%)



- Cyan (44%)
- Magenta (59%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 23.598, 329.873 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 49, 23.598, 329.873 by changing the saturation by 10% instead.


 49, 23.598,
329.873


 49, 23.598,
329.873


 100, 23.598,
329.873


 39, 23.598,
329.873

 69, 23.598,
329.873


 29, 23.598,
329.873

 79, 23.598,
329.873

 19, 23.598,
329.873

 89, 23.598,
329.873

 9, 23.598, 329.873

 99, 23.598,
329.873

 0, 23.598, 329.873

 49, 23.598,

 49, 23.598,

329.873

329.873

45, 32.511,
330.475

53, 14.525,
329.275

42, 41.037,
331.075

57, 5.465, 328.669

39, 48.872,
331.672

60, 3.473, 148.211

37, 55.660,
332.263

65, 12.220,
147.621

35, 61.038,
332.851

69, 20.738,
147.092

33, 64.719,
333.448

73, 29.008,
146.592

32, 66.686,
334.067

77, 37.026,
146.119

32, 67.312,
334.309

81, 44.797,
145.673

■ 85, 52.331,
145.251

Harmonies

Complementary

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



49, 23.598, 329.873



55, 23.544, 146.578

Rectangle

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



49, 23.598, 329.873



49, 23.598, 19.873



49, 23.598, 149.873



49, 23.598, 199.873

Sweetspot

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



49, 23.596, 329.873



71, 8.883, 328.799



46, 22.135, 297.726



36, 6.296, 328.882



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



49, 23.596, 329.873



60, 34.576, 330.208



48, 17.107, 354.098



28, 5.110, 328.861



31, 65.038, 334.278



1, 3.431, 328.360

Inverse Universe

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



49, 23.596, 329.873



60, 34.576, 330.208



56, 16.154, 169.079



28, 5.110, 328.861



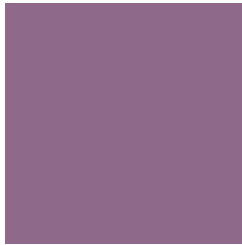
31, 65.038, 334.278



1, 3.431, 328.360

Previews

White Background



This preview shows how the CIELCh color 49, 23.598, 329.873 looks on a white background.

Color Contrast Check

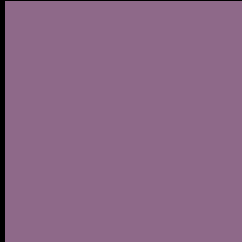
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 23.598, 329.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

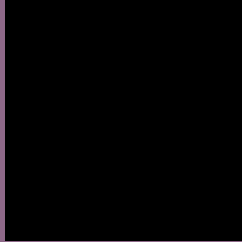
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 23.598, 329.873

Background



This preview shows how black text looks on a background with the CIELCh color 49, 23.598, 329.873.



This preview shows how white text looks on a background with the CIELCh color 49, 23.598, 329.873.

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

49, 23.598, 329.873

Protanopia

49, 16.521, 284.789

Deuteranopia

49, 12.530, 300.493



Tritanopia
49, 13.821, 358.857

Trichromacy



Original Color
49, 23.598, 329.873

Protanomaly
49, 17.535, 304.646

Deuteranomaly
49, 16.003, 314.550

Tritanomaly
49, 16.617, 344.839

Monochromacy



Original Color
49, 23.598, 329.873

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.011, 329.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 23.598, 329.873 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(142, 105, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 105, 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(142, 105, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 105, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 23.598, 329.873 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(142, 105, 137) }
```

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

```
.border{ border-color:rgb(142, 105, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 105, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 105, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 105, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 105,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 23.598, 329.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 105, 137) }
```

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

```
.background{ background-color: rgb(142,  
105, 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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