

Converting Colors

CIELCh(48, 44.014, 324.374)

Have a look what the booklet for
CIELCh(48, 44.014, 324.374)
contains.

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Color

CIELCh(48, 44.014, 324.374)

Conversions

Conversions Part 1

Format	Color
Hex	995C9E
RGB	153, 92, 158
RGB Percent	60%, 36%, 62%
CMY	0.4014, 0.6405, 0.3817
CMYK	0.03, 0.42, 0.00, 0.38
HSL	295°, 26%, 49%
HSV	295°, 42%, 62%
XYZ	23.0134, 16.7945, 34.2232
YIQ	117.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

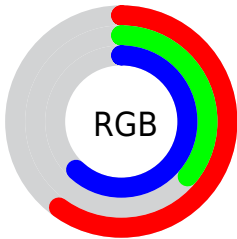
Format	Color
R_{YB}	153, 92, 158
Decimal	10050718
CIE _{Lab}	48.00, 35.78, -25.64
CIE _{LCh}	48, 44.014, 324.374
Yxy	16.7945, 0.3109, 0.2269
Android (android.graphics.Color)	4288240798 (0xFF995C9E)
YUV	117.7630, 19.8368, 30.9028
Hunter-Lab	40.9810, 28.5220, -20.8262

Details

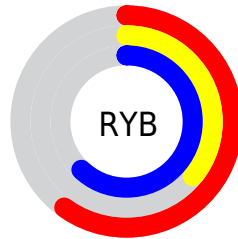
The CIELCh color $48, 44.014, 324.374$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 43.833, 139.615$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 43.984, 324.510$, and $28, 43.839, 324.356$ is the 20% darker color. If you saturate the color by 10%, you get $45, 53.731, 324.772$, and if you desaturate by 10%, it is $52, 33.711, 323.926$.

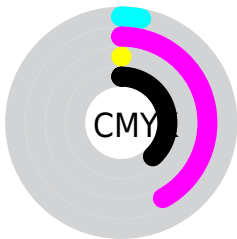
Distribution



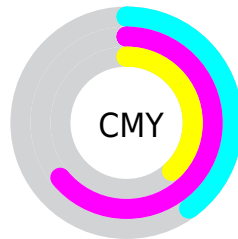
- Red (60%)
- Green (36%)
- Blue (62%)



- Red (60%)
- Yellow (36%)
- Blue (62%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (64%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 44.014, 324.374 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 48, 44.014, 324.374 by changing the saturation by 10% instead.

 48, 44.014,
324.374

 48, 44.014,
324.374


 100, 44.014,
324.374

 38, 44.014,
324.374

 68, 44.014,
324.374


 28, 44.014,
324.374

 78, 44.014,
324.374

 18, 44.014,
324.374

 88, 44.014,
324.374

 8, 44.014, 324.374

 98, 44.014,
324.374

 0, 44.014, 324.374

 48, 44.014,

 48, 44.014,

324.374

■ 45, 53.731,
324.772

■ 42, 62.493,
325.097

■ 39, 69.879,
325.324

■ 37, 75.508,
325.431

■ 36, 79.142,
325.403

■ 35, 81.047,
325.309

324.374

■ 52, 33.711,
323.926

■ 56, 23.130,
323.447

■ 60, 12.488,
322.951

■ 64, 1.938, 322.375

■ 69, 8.421, 142.025

■ 73, 18.531,
141.552

■ 77, 28.360,
141.109

■ 82, 37.895,
140.694

■ 86, 47.137,
140.305

Harmonies

Complementary

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



48, 44.014, 324.374



60, 43.833, 139.615

Rectangle

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



48, 44.014, 324.374



48, 44.014, 14.374



48, 44.014, 144.374



48, 44.014, 194.374

Sweetspot

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



48, 44.012, 324.374



75, 16.916, 323.021



43, 36.328, 292.453



38, 11.823, 323.124



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



48, 44.012, 324.374



58, 64.028, 324.739



48, 33.912, 343.077



31, 5.963, 322.819



32, 75.380, 325.333



1, 7.714, 321.925

Inverse Universe

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



47, 28.984, 17.814



56, 43.618, 19.585



60, 32.949, 155.536



31, 3.547, 13.763



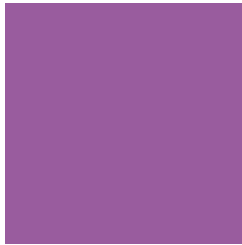
29, 64.555, 36.057



1, 4.503, 13.439

Previews

White Background



This preview shows how the CIELCh color 48, 44.014, 324.374 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 48, 44.014, 324.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

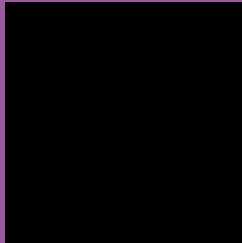
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 44.014, 324.374

Background



This preview shows how black text looks on a background with the CIELCh color 48, 44.014, 324.374.

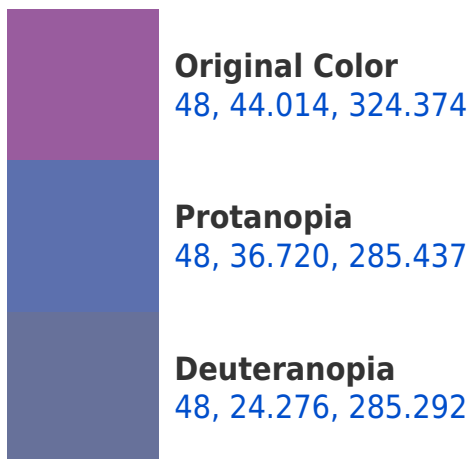


This preview shows how white text looks on a background with the CIELCh color 48, 44.014, 324.374.

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





Tritanopia
48, 19.111, 7.868

Trichromacy



Original Color
48, 44.014, 324.374

Protanomaly
48, 37.419, 299.405

Deuteranomaly
48, 30.204, 304.634

Tritanomaly
48, 26.047, 342.397

Monochromacy



Original Color
48, 44.014, 324.374

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 16.589, 323.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 44.014, 324.374 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(153, 92, 158)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 158)  
}
```

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(153, 92, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 44.014, 324.374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

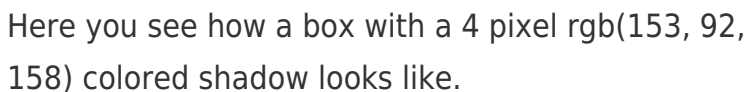
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 92, 158) }
```

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

```
.border{ border-color:rgb(153, 92, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 92, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 92, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 92, 158); box-shadow:4px 4px 4px 4px rgb(153, 92, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 44.014, 324.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 158) }
```

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

```
.background{ background-color: rgb(153, 92,  
158) }
```

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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