

Converting Colors

CIELCh(44, 48.772, 324.170)

Have a look what the booklet for
CIELCh(44, 48.772, 324.170)
contains.

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Color

CIELCh(44, 48.467, 324.014)

Conversions

Conversions Part 1

Format	Color
Hex	914F98
RGB	145, 79, 152
RGB Percent	57%, 31%, 60%
CMY	0.4320, 0.6908, 0.4045
CMYK	0.05, 0.48, 0.00, 0.40
HSL	294°, 32%, 45%
HSV	294°, 48%, 60%
XYZ	20.0895, 13.8382, 31.2514
YIQ	107.0560, 15.9030, 36.6950

Conversions

Conversions Part 2

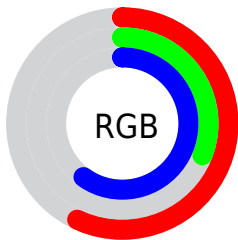
Format	Color
R_{YB}	145, 79, 152
Decimal	9523096
CIE _{Lab}	44.00, 39.22, -28.48
CIE _{LCh}	44, 48.467, 324.014
Yxy	13.8382, 0.3082, 0.2123
Android (android.graphics.Color)	4287713176 (0xFF914F98)
YUV	107.0560, 22.1574, 33.2769
Hunter-Lab	37.1997, 31.2985, -23.7696

Details

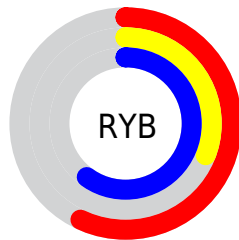
The CIELCh color $44, 48.467, 324.014$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 48.205, 138.636$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 48.833, 323.755$, and $24, 48.718, 323.691$ is the 20% darker color. If you saturate the color by 10%, you get $41, 57.403, 324.357$, and if you desaturate by 10%, it is $48, 38.781, 323.605$.

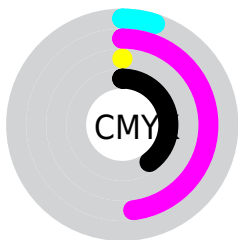
Distribution



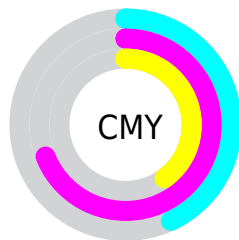
- Red (57%)
- Green (31%)
- Blue (60%)



- Red (57%)
- Yellow (31%)
- Blue (60%)



- Cyan (5%)
- Magenta (48%)
- Yellow (0%)
- Black (40%)



- Cyan (43%)
- Magenta (69%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 48.467, 324.014 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 44, 48.467, 324.014 by changing the saturation by 10% instead.


 44, 48.467,
324.014

 44, 48.467,
324.014


 100, 48.467,
324.014

 34, 48.467,
324.014

 64, 48.467,
324.014

 24, 48.467,
324.014

 74, 48.467,
324.014

 14, 48.467,
324.014

 84, 48.467,
324.014

 4, 48.467, 324.014

 94, 48.467,
324.014

 0, 48.467, 324.014

 44, 48.467,

 44, 48.467,

324.014

41, 57.403,
324.357

38, 65.200,
324.608

36, 71.454,
324.741

34, 75.850,
324.733

33, 78.506,
324.593

33, 78.977,
324.565

324.014

48, 38.781,
323.605

51, 28.682,
323.154

55, 18.421,
322.679

59, 8.176, 322.188

64, 1.931, 141.839

68, 11.827,
141.297

72, 21.469,
140.851

77, 30.836,
140.433

■ 81, 39.922,
140.042

Harmonies

Complementary

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



44, 48.467, 324.014



57, 48.205, 138.636

Rectangle

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



44, 48.467, 324.014



44, 48.467, 14.014



44, 48.467, 144.014



44, 48.467, 194.014

Sweetspot

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



44, 48.465, 324.014



72, 17.566, 322.495



39, 40.158, 292.938



37, 12.236, 322.592



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



44, 48.465, 324.014



52, 70.504, 324.389



44, 37.895, 342.864



30, 5.768, 322.247



30, 74.524, 324.589



1, 6.175, 321.538

Inverse Universe

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



43, 32.648, 17.445



50, 49.441, 20.014



57, 36.916, 154.037



30, 3.461, 12.148



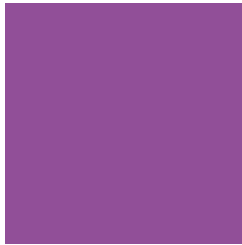
28, 62.939, 34.992



1, 3.636, 11.608

Previews

White Background



This preview shows how the CIELCh color 44, 48.467, 324.014 looks on a white background.

Color Contrast Check

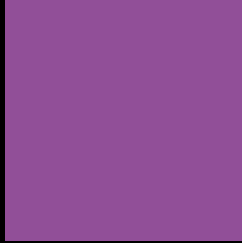
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 48.467, 324.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

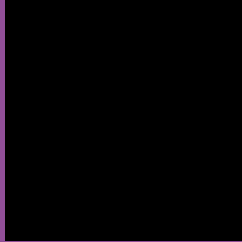
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 48.467, 324.014

Background



This preview shows how black text looks on a background with the CIELCh color 44, 48.467, 324.014.

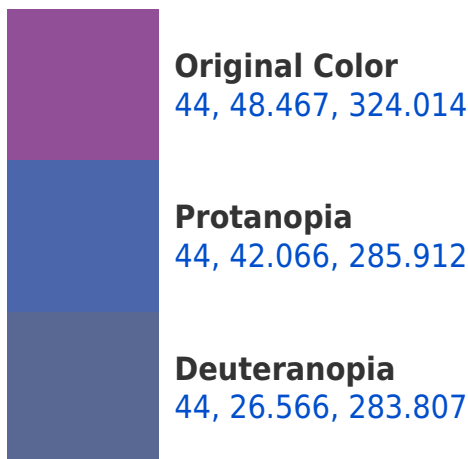


This preview shows how white text looks on a background with the CIELCh color 44, 48.467, 324.014.

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
44, 20.708, 10.915

Trichromacy



Original Color
44, 48.467, 324.014

Protanomaly
43, 42.715, 298.796

Deuteranomaly
43, 33.575, 303.455

Tritanomaly
44, 27.945, 342.532

Monochromacy



Original Color
44, 48.467, 324.014

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 18.253, 323.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 48.467, 324.014 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(145, 79, 152)` looks like.

```
.text, #text, p{  
    color:rgb(145, 79, 152)  
}
```

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(145, 79, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 79, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 48.467, 324.014 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(145, 79, 152) }
```

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

```
.border{ border-color:rgb(145, 79, 152) }
```

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

Here you see how a box with a 4 pixel rgb(145, 79, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 79, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 79, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 79,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 48.467, 324.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 79, 152) }
```

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

```
.background{ background-color: rgb(145, 79,  
152) }
```

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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