

Converting Colors

CIELCh(44, 46.018, 328.411)

Have a look what the booklet for
CIELCh(44, 46.018, 328.411)
contains.

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Color

CIELCh(44, 46.301, 328.125)

Conversions

Conversions Part 1

Format	Color
Hex	944E91
RGB	148, 78, 145
RGB Percent	58%, 31%, 57%
CMY	0.4188, 0.6934, 0.4306
CMYK	0.00, 0.47, 0.02, 0.42
HSL	303°, 31%, 44%
HSV	303°, 47%, 58%
XYZ	20.1100, 13.8382, 28.4751
YIQ	106.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

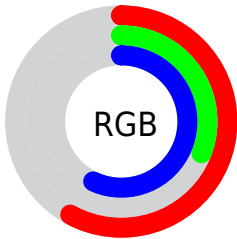
Format	Color
R_{YB}	148, 78, 145
Decimal	9719441
CIE _{Lab}	44.00, 39.32, -24.45
CIE _{LCh}	44, 46.301, 328.125
Yxy	13.8382, 0.3222, 0.2217
Android (android.graphics.Color)	4287909521 (0xFF944E91)
YUV	106.5680, 18.9470, 36.3359
Hunter-Lab	37.1997, 31.3969, -19.3446

Details

The CIELCh color $44, 46.301, 328.125$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 46.497, 141.894$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 46.613, 328.356$, and $24, 46.063, 328.103$ is the 20% darker color. If you saturate the color by 10%, you get $41, 54.796, 328.594$, and if you desaturate by 10%, it is $47, 36.992, 327.618$.

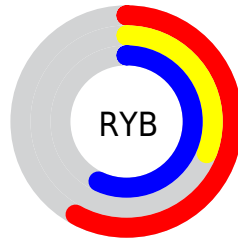
Distribution



Red (58%)

Green (31%)

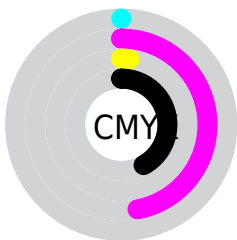
Blue (57%)



Red (58%)

Yellow (31%)

Blue (57%)

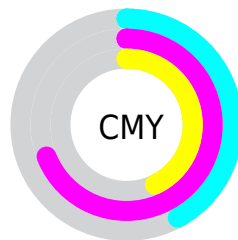


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (42%)



Cyan (42%)

Magenta (69%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 46.301, 328.125 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, 46.301, 328.125 by changing the saturation by 10% instead.


 44, 46.301,
328.125


 44, 46.301,
328.125


 100, 46.301,
328.125

 34, 46.301,
328.125

 64, 46.301,
328.125

 24, 46.301,
328.125

 74, 46.301,
328.125

 14, 46.301,
328.125

 84, 46.301,
328.125

 4, 46.301, 328.125

 94, 46.301,
328.125

 0, 46.301, 328.125

 44, 46.301,

 44, 46.301,

328.125

41, 54.796,
328.594

39, 62.107,
329.013

37, 67.869,
329.374

35, 71.822,
329.673

35, 74.060,
329.919

35, 74.597,
329.984

328.125

47, 36.992,
327.618

51, 27.208,
327.085

55, 17.211,
326.536

58, 7.195, 325.973

63, 2.706, 145.542

67, 12.407,
144.955

71, 21.858,
144.441

75, 31.034,
143.953

■ 79, 39.927,
143.492

Harmonies

Complementary

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



44, 46.301, 328.125



56, 46.497, 141.894

Rectangle

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



44, 46.301, 328.125



44, 46.301, 18.125



44, 46.301, 148.125



44, 46.301, 198.125

Sweetspot

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



44, 46.299, 328.125



71, 17.372, 326.372



37, 43.267, 297.572



36, 11.967, 326.481



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



44, 46.299, 328.125



53, 67.715, 328.636



43, 33.923, 350.499



29, 5.609, 326.086



32, 70.726, 329.972



1, 4.878, 325.606

Inverse Universe

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



44, 46.299, 328.125



53, 67.715, 328.636



56, 31.854, 160.688



29, 5.609, 326.086



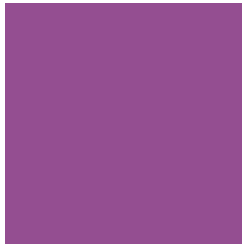
32, 70.726, 329.972



1, 4.878, 325.606

Previews

White Background



This preview shows how the CIELCh color 44, 46.301, 328.125 looks on a white background.

Color Contrast Check

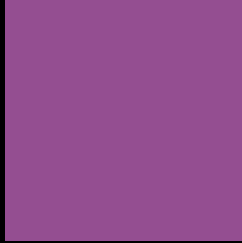
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.301, 328.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

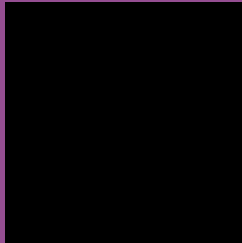
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 46.301, 328.125

Background



This preview shows how black text looks on a background with the CIELCh color 44, 46.301, 328.125.

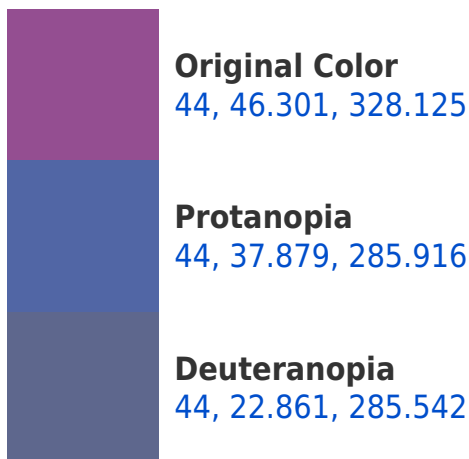


This preview shows how white text looks on a background with the CIELCh color 44, 46.301, 328.125.

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, 23.387, 12.721

Trichromacy



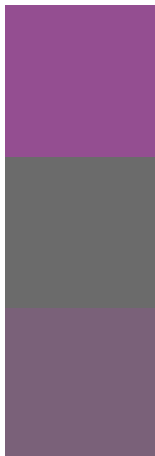
Original Color
44, 46.301, 328.125

Protanomaly
43, 39.360, 301.117

Deuteranomaly
44, 30.407, 307.683

Tritanomaly
44, 29.236, 348.112

Monochromacy



Original Color
44, 46.301, 328.125

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 17.488, 326.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 46.301, 328.125 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(148, 78, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 78, 145)  
}
```

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(148, 78, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 78, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 46.301, 328.125 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(148, 78, 145) }
```

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

```
.border{ border-color:rgb(148, 78, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 78, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 78, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 78, 145); box-shadow:4px 4px 4px 4px rgb(148, 78, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 46.301, 328.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 78, 145) }
```

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

```
.background{ background-color: rgb(148, 78,  
145) }
```

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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