

Converting Colors

CIELCh(46, 48.992, 327.678)

Have a look what the booklet for
CIELCh(46, 48.992, 327.678)
contains.

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Color

CIELCh(46, 48.992, 327.678)

Conversions

Conversions Part 1

Format	Color
Hex	9B5199
RGB	155, 81, 153
RGB Percent	61%, 32%, 60%
CMY	0.3905, 0.6808, 0.3984
CMYK	0.00, 0.48, 0.01, 0.39
HSL	302°, 31%, 46%
HSV	302°, 48%, 61%
XYZ	22.3561, 15.2687, 32.0864
YIQ	111.3340, 20.9920, 38.0800

Conversions

Conversions Part 2

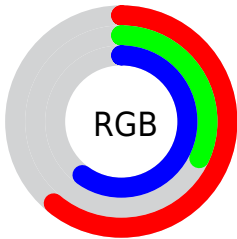
Format	Color
R_{YB}	155, 81, 153
Decimal	10178969
CIE _{Lab}	46.00, 41.40, -26.19
CIE _{LCh}	46, 48.992, 327.678
Yxy	15.2687, 0.3207, 0.2190
Android (android.graphics.Color)	4288369049 (0xFF9B5199)
YUV	111.3340, 20.5413, 38.2951
Hunter-Lab	39.0751, 33.7437, -21.3331

Details

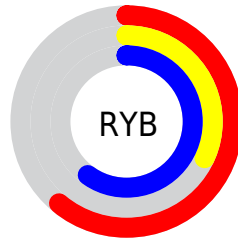
The CIELCh color $46, 48.992, 327.678$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 49.207, 141.418$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 49.081, 327.522$, and $26, 49.238, 327.656$ is the 20% darker color. If you saturate the color by 10%, you get $43, 57.854, 328.127$, and if you desaturate by 10%, it is $49, 39.251, 327.184$.

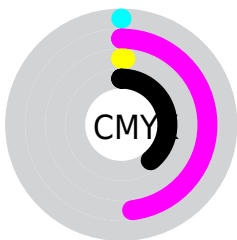
Distribution



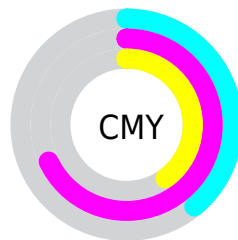
- Red (61%)
- Green (32%)
- Blue (60%)



- Red (61%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 48.992, 327.678 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 46, 48.992, 327.678 by changing the saturation by 10% instead.

 46, 48.992,
327.678


 46, 48.992,
327.678

 100, 48.992,
327.678

 36, 48.992,
327.678

 66, 48.992,
327.678


 26, 48.992,
327.678

 76, 48.992,
327.678

 16, 48.992,
327.678

 86, 48.992,
327.678

 6, 48.992, 327.678

 96, 48.992,
327.678

 0, 48.992, 327.678

 46, 48.992,

 46, 48.992,

327.678

43, 57.854,
328.127

41, 65.447,
328.519

39, 71.396,
328.843

37, 75.445,
329.095

37, 77.717,
329.285

36, 78.184,
329.327

327.678

49, 39.251,
327.184

53, 28.991,
326.660

57, 18.493,
326.117

61, 7.966, 325.558

65, 2.446, 145.137

69, 12.651,
144.539

74, 22.593,
144.025

78, 32.245,
143.537

■ 83, 41.596,
143.075

Harmonies

Complementary

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



46, 48.992, 327.678



58, 49.207, 141.418

Rectangle

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



46, 48.992, 327.678



46, 48.992, 17.678



46, 48.992, 147.678



46, 48.992, 197.678

Sweetspot

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



46, 48.990, 327.678



74, 18.121, 325.932



38, 45.408, 297.231



38, 12.619, 326.044



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



46, 48.990, 327.678



55, 70.586, 328.147



45, 35.839, 349.542



30, 5.832, 325.649



33, 72.543, 329.317



1, 6.254, 325.269

Inverse Universe

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



46, 48.990, 327.678



55, 70.586, 328.147



59, 33.830, 159.718



30, 5.832, 325.649



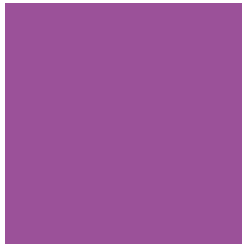
33, 72.543, 329.317



1, 6.254, 325.269

Previews

White Background



This preview shows how the CIELCh color 46, 48.992, 327.678 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 46, 48.992, 327.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

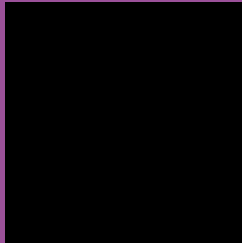
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 48.992, 327.678

Background



This preview shows how black text looks on a background with the CIELCh color 46, 48.992, 327.678.

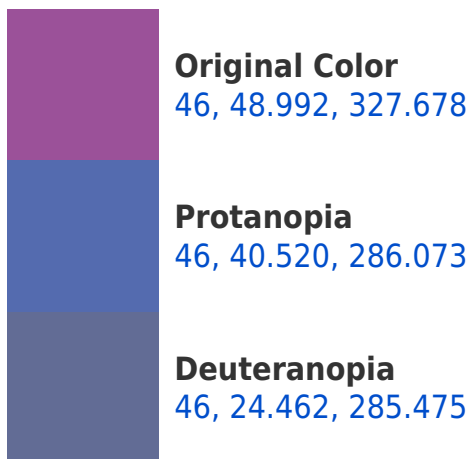


This preview shows how white text looks on a background with the CIELCh color 46, 48.992, 327.678.

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
46, 24.041, 13.047

Trichromacy



Original Color
46, 48.992, 327.678

Protanomaly
45, 41.369, 300.831

Deuteranomaly
45, 32.562, 307.355

Tritanomaly
46, 30.598, 347.641

Monochromacy



Original Color
46, 48.992, 327.678

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 18.765, 326.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 48.992, 327.678 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(155, 81, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 81, 153)  
}
```

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(155, 81, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 81, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 48.992, 327.678 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(155, 81, 153) }
```

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

```
.border{ border-color:rgb(155, 81, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 81, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 81, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 81, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 81,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 48.992, 327.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 81, 153) }
```

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

```
.background{ background-color: rgb(155, 81,  
153) }
```

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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