

Converting Colors

CIELCh(46, 49.183, 329.115)

Have a look what the booklet for
CIELCh(46, 49.183, 329.115)
contains.

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Color

CIELCh(46, 49.456, 328.913)

Conversions

Conversions Part 1

Format	Color
Hex	9D5098
RGB	157, 80, 152
RGB Percent	62%, 31%, 60%
CMY	0.3829, 0.6850, 0.4026
CMYK	0.00, 0.49, 0.03, 0.38
HSL	304°, 32%, 47%
HSV	304°, 49%, 62%
XYZ	22.5636, 15.2687, 31.6122
YIQ	111.2310, 22.7800, 38.7160

Conversions

Conversions Part 2

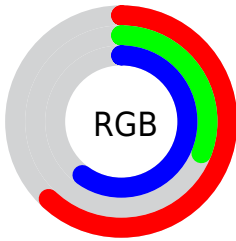
Format	Color
R_{YB}	157, 80, 152
Decimal	10309784
CIE _{Lab}	46.00, 42.35, -25.54
CIE _{LCh}	46, 49.456, 328.913
Yxy	15.2687, 0.3249, 0.2199
Android (android.graphics.Color)	4288499864 (0xFF9D5098)
YUV	111.2310, 20.0991, 40.1394
Hunter-Lab	39.0751, 34.6919, -20.6137

Details

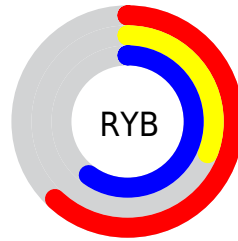
The CIELCh color $46, 49.456, 328.913$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 49.712, 142.278$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 49.619, 328.662$, and $26, 49.332, 328.560$ is the 20% darker color. If you saturate the color by 10%, you get $43, 58.036, 329.405$, and if you desaturate by 10%, it is $49, 39.952, 328.388$.

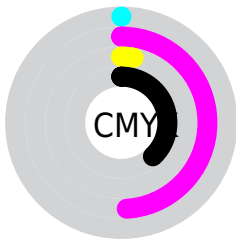
Distribution



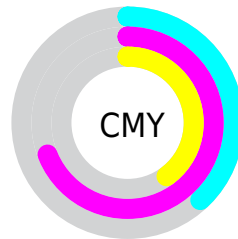
- Red (62%)
- Green (31%)
- Blue (60%)



- Red (62%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (49%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (69%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 49.456, 328.913 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, 49.456, 328.913 by changing the saturation by 10% instead.


 46, 49.456,
328.913


 46, 49.456,
328.913


 100, 49.456,
328.913


 36, 49.456,
328.913

 66, 49.456,
328.913


 26, 49.456,
328.913

 76, 49.456,
328.913

 16, 49.456,
328.913

 86, 49.456,
328.913

 6, 49.456, 328.913

 96, 49.456,
328.913

 0, 49.456, 328.913

 46, 49.456,

 46, 49.456,

328.913

43, 58.036,
329.405

41, 65.296,
329.855

39, 70.858,
330.257

37, 74.479,
330.613

37, 76.422,
330.935

37, 76.608,
330.968

328.913

49, 39.952,
328.388

53, 29.895,
327.840

57, 19.573,
327.279

61, 9.203, 326.709

65, 1.066, 146.399

70, 11.138,
145.669

74, 20.958,
145.142

78, 30.495,
144.645

■ 83, 39.739,
144.174

Harmonies

Complementary

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



46, 49.456, 328.913



59, 49.712, 142.278

Rectangle

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



46, 49.456, 328.913



46, 49.456, 18.913



46, 49.456, 148.913



46, 49.456, 198.913

Sweetspot

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



46, 49.454, 328.913



74, 19.122, 327.072



38, 47.259, 298.358



38, 13.025, 327.183



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, 49.454, 328.913



55, 71.489, 329.460



45, 36.547, 351.858



31, 5.839, 326.726



33, 71.385, 330.944



1, 7.522, 326.659

Inverse Universe

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



46, 49.454, 328.913



55, 71.489, 329.460



59, 34.047, 161.347



31, 5.839, 326.726



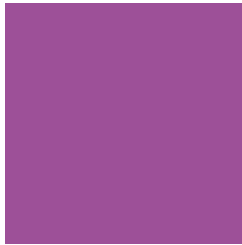
33, 71.385, 330.944



1, 7.522, 326.659

Previews

White Background



This preview shows how the CIELCh color 46, 49.456, 328.913 looks on a white background.

Color Contrast Check

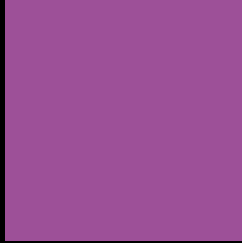
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 49.456, 328.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

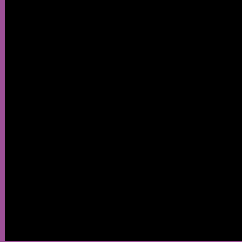
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 49.456, 328.913

Background



This preview shows how black text looks on a background with the CIELCh color 46, 49.456, 328.913.

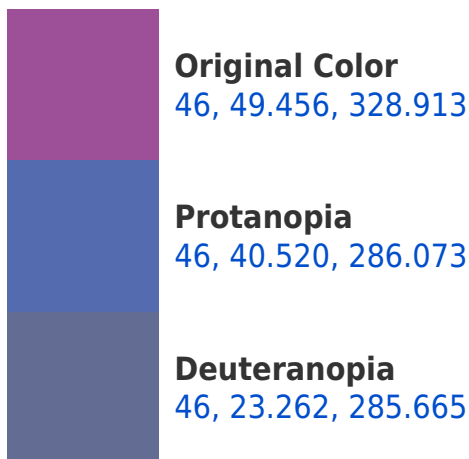


This preview shows how white text looks on a background with the CIELCh color 46, 49.456, 328.913.

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, 25.381, 13.799

Trichromacy



Original Color
46, 49.456, 328.913

Protanomaly
45, 42.055, 301.699

Deuteranomaly
45, 31.504, 308.454

Tritanomaly
46, 31.579, 349.217

Monochromacy



Original Color
46, 49.456, 328.913

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 19.479, 326.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 49.456, 328.913 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(157, 80, 152)` looks like.

```
.text, #text, p{  
    color:rgb(157, 80, 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(157, 80, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 80, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 49.456, 328.913 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(157, 80, 152) }
```

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

```
.border{ border-color:rgb(157, 80, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 80, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 80, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 80, 152); box-shadow:4px 4px 4px 4px rgb(157, 80, 152) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 49.456, 328.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 80, 152) }
```

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

```
.background{ background-color: rgb(157, 80,  
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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