

Converting Colors

CIELCh(48, 41.225, 329.208)

Have a look what the booklet for
CIELCh(48, 41.225, 329.208)
contains.

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Color

CIELCh(48, 41.537, 329.395)

Conversions

Conversions Part 1

Format	Color
Hex	9C5B96
RGB	156, 91, 150
RGB Percent	61%, 36%, 59%
CMY	0.3877, 0.6426, 0.4112
CMYK	0.00, 0.42, 0.04, 0.39
HSL	306°, 26%, 48%
HSV	306°, 42%, 61%
XYZ	23.0078, 16.7945, 30.9434
YIQ	117.1610, 19.8010, 32.1290

Conversions

Conversions Part 2

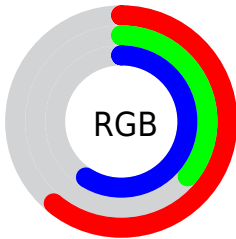
Format	Color
R_{YB}	156, 91, 150
Decimal	10247062
CIE _{Lab}	48.00, 35.75, -21.15
CIE _{LCh}	48, 41.537, 329.395
Yxy	16.7945, 0.3252, 0.2374
Android (android.graphics.Color)	4288437142 (0xFF9C5B96)
YUV	117.1610, 16.1896, 34.0618
Hunter-Lab	40.9810, 28.4975, -16.0812

Details

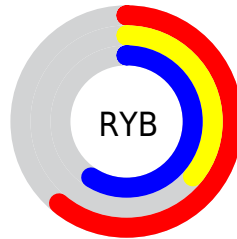
The CIELCh color $48, 41.537, 329.395$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 41.605, 143.829$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 41.306, 329.683$, and $28, 41.453, 329.317$ is the 20% darker color. If you saturate the color by 10%, you get $45, 50.609, 329.944$, and if you desaturate by 10%, it is $52, 31.831, 328.830$.

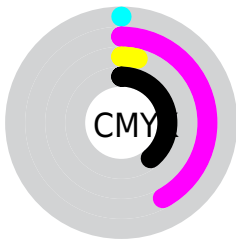
Distribution



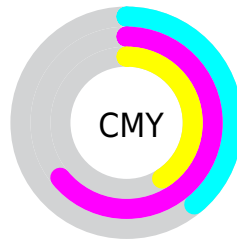
- Red (61%)
- Green (36%)
- Blue (59%)



- Red (61%)
- Yellow (36%)
- Blue (59%)



- Cyan (0%)
- Magenta (42%)
- Yellow (4%)
- Black (39%)




- Cyan (39%)
- Magenta (64%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 41.537, 329.395 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, 41.537, 329.395 by changing the saturation by 10% instead.


 48, 41.537,
329.395


 48, 41.537,
329.395


 100, 41.537,
329.395


 38, 41.537,
329.395

 68, 41.537,
329.395


 28, 41.537,
329.395

 78, 41.537,
329.395

 18, 41.537,
329.395

 88, 41.537,
329.395

 8, 41.537, 329.395

 98, 41.537,
329.395

 0, 41.537, 329.395

 48, 41.537,

 48, 41.537,

329.395

45, 50.609,
329.944

42, 58.679,
330.468

40, 65.343,
330.962

38, 70.247,
331.426

37, 73.194,
331.868

36, 74.584,
332.230

329.395

52, 31.831,
328.830

55, 21.805,
328.255

60, 11.685,
327.675

64, 1.634, 326.991

68, 8.245, 146.615

72, 17.889,
146.072

77, 27.263,
145.563

81, 36.354,
145.080

■ 86, 45.162,
144.624

Harmonies

Complementary

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



48, 41.537, 329.395



59, 41.605, 143.829

Rectangle

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



48, 41.537, 329.395



48, 41.537, 19.395



48, 41.537, 149.395



48, 41.537, 199.395

Sweetspot

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



48, 41.535, 329.395



76, 14.992, 327.711



42, 39.376, 298.113



39, 9.927, 327.779



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, 41.535, 329.395



58, 61.022, 329.909



47, 30.536, 352.912



31, 5.730, 327.536



33, 69.904, 332.196



1, 7.355, 327.629

Inverse Universe

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



48, 41.535, 329.395



58, 61.022, 329.909



60, 28.364, 164.209



31, 5.730, 327.536



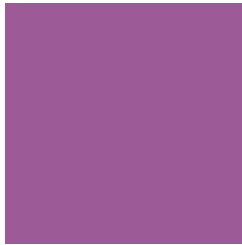
33, 69.904, 332.196



1, 7.355, 327.629

Previews

White Background



This preview shows how the CIELCh color 48, 41.537, 329.395 looks on a white background.

Color Contrast Check

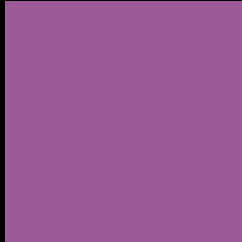
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.537, 329.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

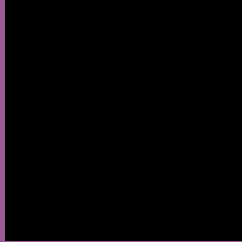
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 41.537, 329.395

Background



This preview shows how black text looks on a background with the CIELCh color 48, 41.537, 329.395.

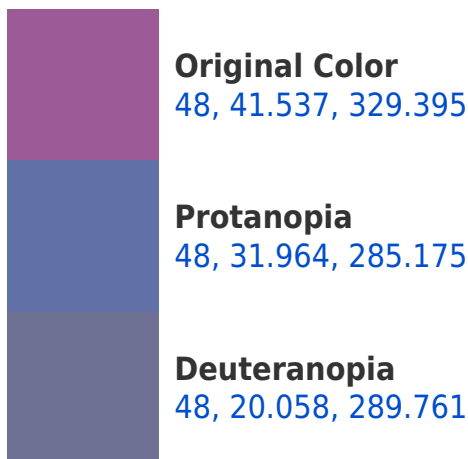


This preview shows how white text looks on a background with the CIELCh color 48, 41.537, 329.395.

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, 22.120, 10.307

Trichromacy



Original Color
48, 41.537, 329.395

Protanomaly
48, 33.541, 302.543

Deuteranomaly
48, 27.332, 310.472

Tritanomaly
48, 27.056, 349.229

Monochromacy



Original Color
48, 41.537, 329.395

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 15.372, 327.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 41.537, 329.395 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(156, 91, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 91, 150)  
}
```

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(156, 91, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 91, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 41.537, 329.395 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(156, 91, 150) }
```

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

```
.border{ border-color:rgb(156, 91, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 91, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 91, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 91, 150); box-shadow:4px 4px 4px 4px rgb(156, 91, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 41.537, 329.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 91, 150) }
```

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

```
.background{ background-color: rgb(156, 91,  
150) }
```

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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