

Converting Colors

CIELCh(48, 41.988, 317.441)

Have a look what the booklet for
CIELCh(48, 41.988, 317.441)
contains.

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Color

CIELCh(48, 41.962, 317.343)

Conversions

Conversions Part 1

Format	Color
Hex	8E60A2
RGB	142, 96, 162
RGB Percent	56%, 38%, 64%
CMY	0.4422, 0.6227, 0.3638
CMYK	0.12, 0.41, 0.00, 0.36
HSL	282°, 26%, 51%
HSV	282°, 41%, 64%
XYZ	21.9413, 16.7945, 36.3779
YIQ	117.2780, 6.2300, 30.2780

Conversions

Conversions Part 2

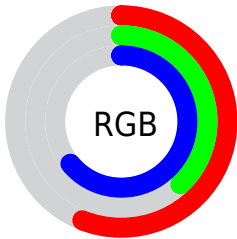
Format	Color
R_{YB}	142, 96, 162
Decimal	9330850
CIE _{Lab}	48.00, 30.86, -28.43
CIE _{LCh}	48, 41.962, 317.343
Yxy	16.7945, 0.2921, 0.2236
Android (android.graphics.Color)	4287520930 (0xFF8E60A2)
YUV	117.2780, 22.0479, 21.6812
Hunter-Lab	40.9810, 23.8524, -23.9436

Details

The CIELCh color $48, 41.962, 317.343$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 40.722, 133.660$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 42.224, 317.568$, and $28, 41.933, 317.221$ is the 20% darker color. If you saturate the color by 10%, you get $44, 52.107, 317.714$, and if you desaturate by 10%, it is $52, 31.562, 316.928$.

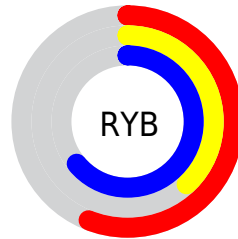
Distribution



Red (56%)

Green (38%)

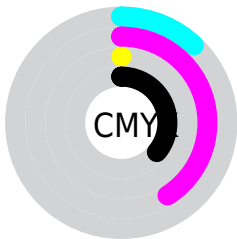
Blue (64%)



Red (56%)

Yellow (38%)

Blue (64%)

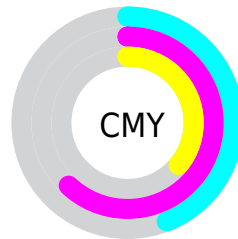


Cyan (12%)

Magenta (41%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (62%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 41.962, 317.343 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, 41.962, 317.343 by changing the saturation by 10% instead.

 48, 41.962,
317.343


 48, 41.962,
317.343


 100, 41.962,
317.343


 38, 41.962,
317.343

 68, 41.962,
317.343


 28, 41.962,
317.343

 78, 41.962,
317.343

 18, 41.962,
317.343

 88, 41.962,
317.343

 8, 41.962, 317.343

 98, 41.962,
317.343

 0, 41.962, 317.343

 48, 41.962,

 48, 41.962,

317.343

■ 44, 52.107,
317.714

■ 40, 61.676,
318.002

■ 36, 70.229,
318.158

■ 34, 77.251,
318.119

■ 31, 82.256,
317.824

■ 30, 85.381,
317.363

317.343

■ 52, 31.562,
316.928

■ 57, 21.133,
316.497

■ 62, 10.816,
316.064

■ 66, 0.698, 315.449

■ 71, 9.175, 135.300

■ 76, 18.780,
134.933

■ 81, 28.108,
134.601

■ 85, 37.162,
134.301

■ 90, 45.950,
134.030

Harmonies

Complementary

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



48, 41.962, 317.343



62, 40.722, 133.660

Rectangle

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



48, 41.962, 317.343



48, 41.962, 7.343



48, 41.962, 137.343



48, 41.962, 187.343

Sweetspot

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



48, 41.960, 317.343



78, 15.099, 316.131



49, 27.011, 279.080



41, 10.108, 316.183



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



48, 41.960, 317.343



57, 62.573, 317.688



50, 39.414, 332.512



32, 5.743, 316.003



26, 78.732, 317.450



1, 8.725, 313.803

Inverse Universe

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



49, 29.440, 0.589



59, 44.135, 2.261



61, 39.343, 146.688



32, 3.924, 356.555



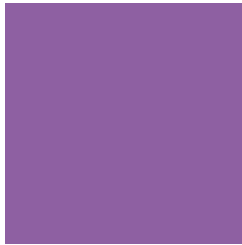
30, 57.260, 19.648



1, 5.910, 357.753

Previews

White Background



This preview shows how the CIELCh color 48, 41.962, 317.343 looks on a white background.

Color Contrast Check

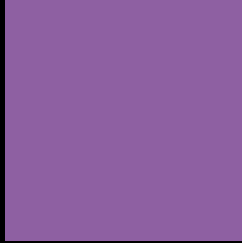
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.962, 317.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

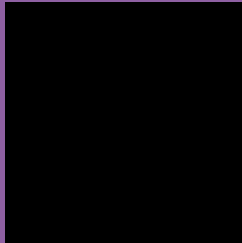
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 41.962, 317.343

Background



This preview shows how black text looks on a background with the CIELCh color 48, 41.962, 317.343.

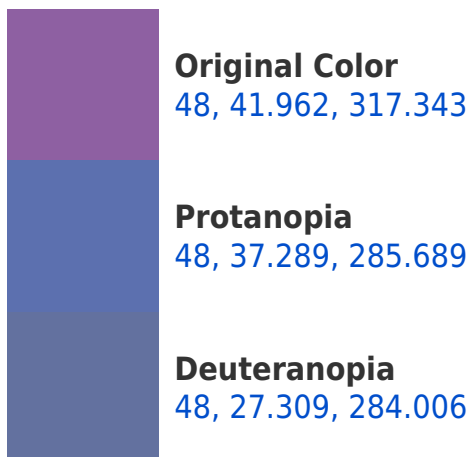


This preview shows how white text looks on a background with the CIELCh color 48, 41.962, 317.343.

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, 13.091, 357.352

Trichromacy



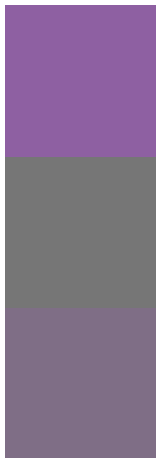
Original Color
48, 41.962, 317.343

Protanomaly
48, 37.865, 296.933

Deuteranomaly
48, 31.499, 299.129

Tritanomaly
48, 22.582, 330.942

Monochromacy



Original Color
48, 41.962, 317.343

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 15.647, 316.722

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 41.962, 317.343 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(142, 96, 162)` looks like.

```
.text, #text, p{  
    color:rgb(142, 96, 162)  
}
```

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(142, 96, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 96, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 41.962, 317.343 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(142, 96, 162) }
```

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

```
.border{ border-color:rgb(142, 96, 162) }
```

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

Here you see how a box with a 4 pixel rgb(142, 96, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 96, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 96, 162);  
box-shadow:4px 4px 4px 4px rgb(142, 96,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 41.962, 317.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 96, 162) }
```

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

```
.background{ background-color: rgb(142, 96,  
162) }
```

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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