

Converting Colors

CIELCh(42, 41.695, 328.233)

Have a look what the booklet for
CIELCh(42, 41.695, 328.233)
contains.

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Color

CIELCh(42, 41.531, 328.147)

Conversions

Conversions Part 1

Format	Color
Hex	8B4D88
RGB	139, 77, 136
RGB Percent	55%, 30%, 53%
CMY	0.4561, 0.6991, 0.4678
CMYK	0.00, 0.45, 0.02, 0.46
HSL	303°, 29%, 42%
HSV	303°, 45%, 54%
XYZ	17.6533, 12.5000, 24.6644
YIQ	102.2640, 18.0130, 31.4930

Conversions

Conversions Part 2

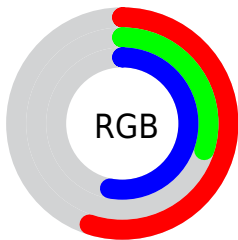
Format	Color
R_{YB}	139, 77, 136
Decimal	9129352
CIE _{Lab}	42.00, 35.28, -21.92
CIE _{LCh}	42, 41.531, 328.147
Yxy	12.5000, 0.3220, 0.2280
Android (android.graphics.Color)	4287319432 (0xFF8B4D88)
YUV	102.2640, 16.6318, 32.2175
Hunter-Lab	35.3553, 27.2553, -16.6128

Details

The CIELCh color $42, 41.531, 328.147$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 41.660, 142.334$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 41.676, 328.013$, and $22, 41.685, 328.048$ is the 20% darker color. If you saturate the color by 10%, you get $39, 49.804, 328.631$, and if you desaturate by 10%, it is $45, 32.588, 327.630$.

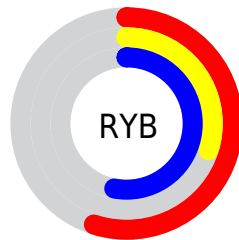
Distribution



Red (55%)

Green (30%)

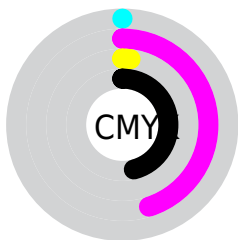
Blue (53%)



Red (55%)

Yellow (30%)

Blue (53%)

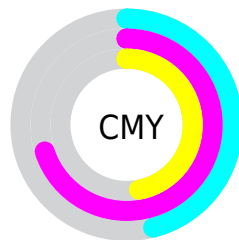


Cyan (0%)

Magenta (45%)

Yellow (2%)

Black (46%)



Cyan (46%)


Magenta (70%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 41.531, 328.147 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 42, 41.531, 328.147 by changing the saturation by 10% instead.


 42, 41.531,
328.147


 42, 41.531,
328.147


 100, 41.531,
328.147


 32, 41.531,
328.147

 62, 41.531,
328.147


 22, 41.531,
328.147

 72, 41.531,
328.147

 12, 41.531,
328.147

 82, 41.531,
328.147

 2, 41.531, 328.147

 92, 41.531,
328.147

 0, 41.531, 328.147

 42, 41.531,

 42, 41.531,

328.147

39, 49.804,
328.631

37, 57.067,
329.072

35, 62.968,
329.458

33, 67.223,
329.788

32, 69.747,
330.064

32, 70.805,
330.200

328.147

45, 32.588,
327.630

49, 23.276,
327.092

52, 13.820,
326.541

56, 4.385, 325.966

60, 4.917, 145.520

64, 14.017,
144.973

68, 22.876,
144.468

72, 31.473,
143.989

■ 76, 39.804,
143.535

Harmonies

Complementary

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



42, 41.531, 328.147



52, 41.660, 142.334

Rectangle

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



42, 41.531, 328.147



42, 41.531, 18.147



42, 41.531, 148.147



42, 41.531, 198.147

Sweetspot

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



42, 41.529, 328.147



68, 15.199, 326.463



36, 38.545, 297.083



35, 10.728, 326.574



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



42, 41.529, 328.147



51, 61.053, 328.655



41, 30.458, 350.097



27, 5.265, 326.230



31, 68.546, 330.192



0, 2.430, 325.756

Inverse Universe

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



42, 41.529, 328.147



51, 61.053, 328.655



53, 28.678, 161.051



27, 5.265, 326.230



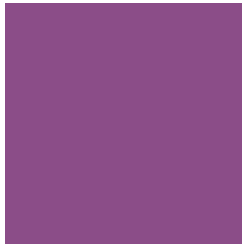
31, 68.546, 330.192



0, 2.430, 325.756

Previews

White Background



This preview shows how the CIELCh color 42, 41.531, 328.147 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 42, 41.531, 328.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

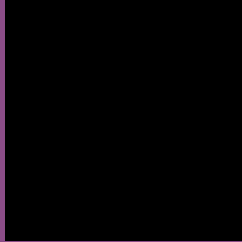
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 41.531, 328.147

Background



This preview shows how black text looks on a background with the CIELCh color 42, 41.531, 328.147.

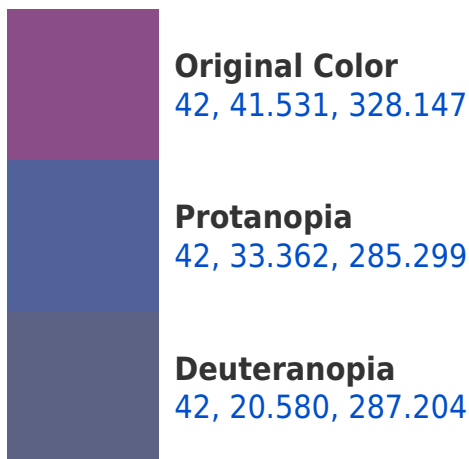


This preview shows how white text looks on a background with the CIELCh color 42, 41.531, 328.147.

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
42, 20.901, 11.089

Trichromacy



Original Color
42, 41.531, 328.147

Protanomaly
42, 34.824, 301.084

Deuteranomaly
42, 27.078, 308.668

Tritanomaly
42, 26.218, 347.283

Monochromacy



Original Color
42, 41.531, 328.147

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 15.491, 326.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 41.531, 328.147 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(139, 77, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 77, 136)  
}
```

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(139, 77, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 77, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 41.531, 328.147 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(139, 77, 136) }
```

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

```
.border{ border-color:rgb(139, 77, 136) }
```

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

Here you see how a box with a 4 pixel rgb(139, 77, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 77, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 77, 136);  
box-shadow:4px 4px 4px 4px rgb(139, 77,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 41.531, 328.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 77, 136) }
```

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

```
.background{ background-color: rgb(139, 77,  
136) }
```

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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