

Converting Colors

CIELCh(42, 41.264, 328.374)

Have a look what the booklet for
CIELCh(42, 41.264, 328.374)
contains.

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Color

CIELCh(42, 41.084, 328.645)

Conversions

Conversions Part 1

Format	Color
Hex	8B4D87
RGB	139, 77, 135
RGB Percent	55%, 30%, 53%
CMY	0.4556, 0.6987, 0.4713
CMYK	0.00, 0.45, 0.03, 0.46
HSL	304°, 29%, 42%
HSV	304°, 45%, 54%
XYZ	17.6176, 12.5000, 24.3381
YIQ	102.1500, 18.3340, 31.1820

Conversions

Conversions Part 2

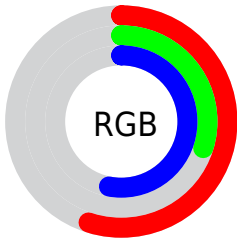
Format	Color
R_{YB}	139, 77, 135
Decimal	9129351
CIE _{Lab}	42.00, 35.08, -21.38
CIE _{LCh}	42, 41.084, 328.645
Yxy	12.5000, 0.3235, 0.2295
Android (android.graphics.Color)	4287319431 (0xFF8B4D87)
YUV	102.1500, 16.1951, 32.3175
Hunter-Lab	35.3553, 27.0750, -16.0656

Details

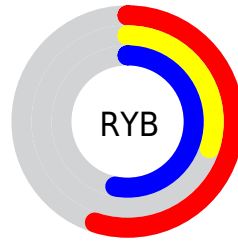
The CIELCh color $42, 41.084, 328.645$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $52, 41.207, 142.777$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 40.829, 328.951$, and $22, 41.216, 328.587$ is the 20% darker color. If you saturate the color by 10%, you get $39, 49.277, 329.148$, and if you desaturate by 10%, it is $45, 32.228, 328.114$.

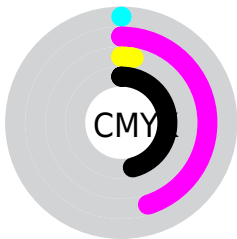
Distribution



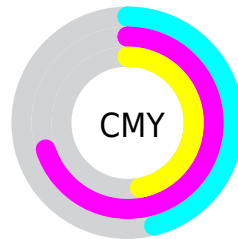
- Red (55%)
- Green (30%)
- Blue (53%)



- Red (55%)
- Yellow (30%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (3%)
- Black (46%)





- Cyan (46%)
- Magenta (70%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 41.084, 328.645 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, 41.084, 328.645 by changing the saturation by 10% instead.


 42, 41.084,
328.645


 42, 41.084,
328.645


 100, 41.084,
328.645


 32, 41.084,
328.645

 62, 41.084,
328.645


 22, 41.084,
328.645

 72, 41.084,
328.645

 12, 41.084,
328.645

 82, 41.084,
328.645

 2, 41.084, 328.645

 92, 41.084,
328.645

 0, 41.084, 328.645

 42, 41.084,

 42, 41.084,

328.645

■ 39, 49.277,
329.148

■ 37, 56.469,
329.613

■ 35, 62.303,
330.034

■ 33, 66.494,
330.407

■ 32, 68.948,
330.738

■ 32, 69.973,
330.907

328.645

■ 45, 32.228,
328.114

■ 49, 23.008,
327.566

■ 52, 13.647,
327.008

■ 56, 4.310, 326.426

■ 60, 4.894, 145.979

■ 64, 13.899,
145.429

■ 68, 22.664,
144.921

■ 72, 31.171,
144.439

■ 76, 39.416,
143.983

Harmonies

Complementary

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



42, 41.084, 328.645



52, 41.207, 142.777

Rectangle

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



42, 41.084, 328.645



42, 41.084, 18.645



42, 41.084, 148.645



42, 41.084, 198.645

Sweetspot

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



42, 41.082, 328.645



68, 15.032, 326.931



36, 38.544, 297.548



35, 10.610, 327.043



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, 41.082, 328.645



51, 60.397, 329.174



41, 30.203, 351.140



27, 5.207, 326.696



30, 67.703, 330.895



0, 2.403, 326.218

Inverse Universe

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



42, 41.082, 328.645



51, 60.397, 329.174



53, 28.282, 161.973



27, 5.207, 326.696



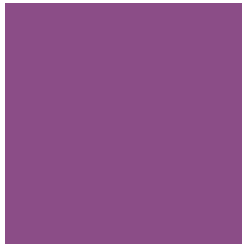
30, 67.703, 330.895



0, 2.403, 326.218

Previews

White Background



This preview shows how the CIELCh color 42, 41.084, 328.645 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, 41.084, 328.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

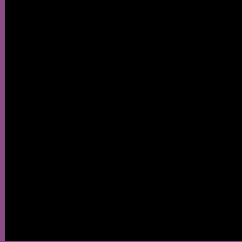
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 41.084, 328.645

Background



This preview shows how black text looks on a background with the CIELCh color 42, 41.084, 328.645.



This preview shows how white text looks on a background with the CIELCh color 42, 41.084, 328.645.

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



Original Color

42, 41.084, 328.645

Protanopia

42, 32.742, 285.497

Deuteranopia

42, 19.985, 286.917



Tritanopia
42, 21.337, 11.404

Trichromacy



Original Color
42, 41.084, 328.645

Protanomaly
42, 34.266, 301.711

Deuteranomaly
42, 26.505, 308.986

Tritanomaly
42, 26.266, 349.026

Monochromacy



Original Color
42, 41.084, 328.645

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, 41.084, 328.645 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(139, 77, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 77, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 41.084, 328.645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

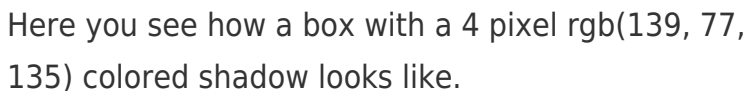
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 77, 135) }
```

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

```
.border{ border-color:rgb(139, 77, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 77, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 77, 135); box-shadow:4px 4px 4px 4px rgb(139, 77, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 41.084, 328.645 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, 135) }
```

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

```
.background{ background-color: rgb(139, 77,  
135) }
```

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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