

Converting Colors

CIELCh(41, 45.442, 329.322)

Have a look what the booklet for
CIELCh(41, 45.442, 329.322)
contains.

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Color

CIELCh(41, 45.204, 329.593)

Conversions

Conversions Part 1

Format	Color
Hex	8D4787
RGB	141, 71, 135
RGB Percent	55%, 28%, 53%
CMY	0.4480, 0.7224, 0.4715
CMYK	0.00, 0.50, 0.04, 0.45
HSL	305°, 33%, 41%
HSV	305°, 50%, 55%
XYZ	17.5421, 11.8645, 24.2046
YIQ	99.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

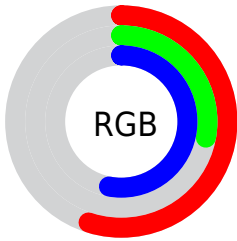
Format	Color
R_{YB}	141, 71, 135
Decimal	9258887
CIE _{Lab}	41.00, 38.99, -22.88
CIE _{LCh}	41, 45.204, 329.593
Yxy	11.8645, 0.3272, 0.2213
Android (android.graphics.Color)	4287448967 (0xFF8D4787)
YUV	99.2260, 17.6366, 36.6358
Hunter-Lab	34.4449, 30.6276, -17.5519

Details

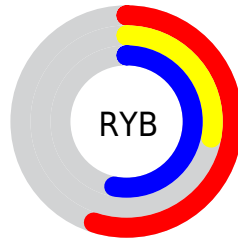
The CIELCh color **41, 45.204, 329.593** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **53, 45.439, 142.813**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 45.015, 329.726**, and **21, 45.302, 329.766** is the 20% darker color. If you saturate the color by 10%, you get **38, 52.907, 330.109**, and if you desaturate by 10%, it is **44, 36.665, 329.052**.

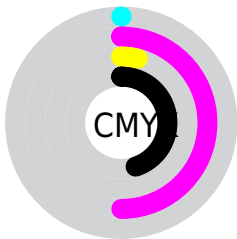
Distribution



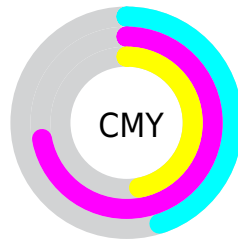
- Red (55%)
- Green (28%)
- Blue (53%)



- Red (55%)
- Yellow (28%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (45%)





- Cyan (45%)
- Magenta (72%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 45.204, 329.593 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 41, 45.204, 329.593 by changing the saturation by 10% instead.


 41, 45.204,
329.593


 41, 45.204,
329.593


 100, 45.204,
329.593


 31, 45.204,
329.593

 61, 45.204,
329.593


 21, 45.204,
329.593

 71, 45.204,
329.593

 11, 45.204,
329.593


 81, 45.204,
329.593

 1, 45.204, 329.593

 91, 45.204,
329.593

 0, 45.204, 329.593

 41, 45.204,

 41, 45.204,

329.593

38, 52.907,
330.109

36, 59.417,
330.593

34, 64.396,
331.042

33, 67.619,
331.462

32, 69.491,
331.864

32, 69.544,
331.875

329.593

44, 36.665,
329.052

47, 27.621,
328.494

51, 18.334,
327.928

55, 8.996, 327.355

59, 0.257, 147.662

63, 9.339, 146.313

67, 18.199,
145.784

71, 26.808,
145.285

75, 35.158,

Harmonies

Complementary

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



41, 45.204, 329.593



53, 45.439, 142.813

Rectangle

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



41, 45.204, 329.593



41, 45.204, 19.593



41, 45.204, 149.593



41, 45.204, 199.593

Sweetspot

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



41, 45.202, 329.593



67, 17.304, 327.678



34, 43.843, 299.294



34, 11.772, 327.783



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



41, 45.202, 329.593



50, 65.687, 330.188



40, 33.377, 354.100



28, 5.289, 327.324



31, 67.533, 331.860



1, 3.552, 326.838

Inverse Universe

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



41, 45.202, 329.593



50, 65.687, 330.188



53, 30.661, 163.220



28, 5.289, 327.324



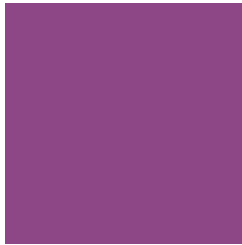
31, 67.533, 331.860



1, 3.552, 326.838

Previews

White Background



This preview shows how the CIELCh color 41, 45.204, 329.593 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 41, 45.204, 329.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

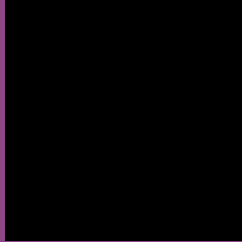
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 45.204, 329.593

Background



This preview shows how black text looks on a background with the CIELCh color 41, 45.204, 329.593.



This preview shows how white text looks on a background with the CIELCh color 41, 45.204, 329.593.

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

41, 45.204, 329.593

Protanopia

41, 36.515, 286.024

Deuteranopia

41, 20.716, 285.376



Tritanopia
41, 23.699, 14.445

Trichromacy



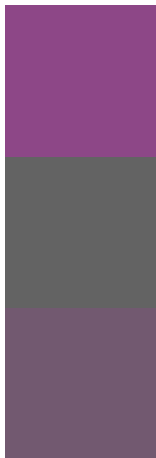
Original Color
41, 45.204, 329.593

Protanomaly
40, 38.071, 301.947

Deuteranomaly
41, 28.446, 308.854

Tritanomaly
41, 28.952, 350.431

Monochromacy



Original Color
41, 45.204, 329.593

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 17.228, 327.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 45.204, 329.593 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(141, 71, 135)` looks like.

```
.text, #text, p{  
    color:rgb(141, 71, 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(141, 71, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 71, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 45.204, 329.593 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(141, 71, 135) }
```

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

```
.border{ border-color:rgb(141, 71, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 71, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 71, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 71, 135);  
box-shadow:4px 4px 4px 4px rgb(141, 71,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 45.204, 329.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 71, 135) }
```

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

```
.background{ background-color: rgb(141, 71,  
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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