

Converting Colors

CIELCh(35, 45.674, 329.890)

Have a look what the booklet for
CIELCh(35, 45.674, 329.890)
contains.

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Color

CIELCh(35, 45.589, 329.891)

Conversions

Conversions Part 1

Format	Color
Hex	7D3777
RGB	125, 55, 119
RGB Percent	49%, 22%, 47%
CMY	0.5083, 0.7828, 0.5319
CMYK	0.00, 0.56, 0.05, 0.51
HSL	305°, 39%, 35%
HSV	305°, 56%, 49%
XYZ	13.2514, 8.4984, 18.5138
YIQ	83.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

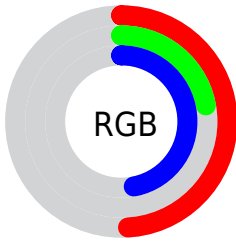
Format	Color
R_{YB}	125, 55, 119
Decimal	8206199
CIE _{Lab}	35.00, 39.44, -22.87
CIE _{LCh}	35, 45.589, 329.891
Yxy	8.4984, 0.3291, 0.2111
Android (android.graphics.Color)	4286396279 (0xFF7D3777)
YUV	83.2260, 17.6366, 36.6358
Hunter-Lab	29.1520, 30.1234, -17.2475

Details

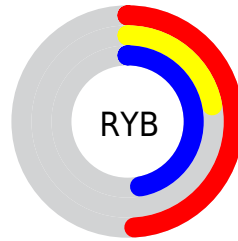
The CIELCh color **35, 45.589, 329.891** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **47, 45.992, 142.186**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 45.607, 329.921**, and **15, 45.509, 329.763** is the 20% darker color. If you saturate the color by 10%, you get **33, 52.043, 330.385**, and if you desaturate by 10%, it is **38, 38.205, 329.369**.

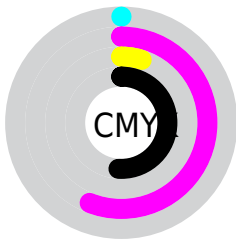
Distribution



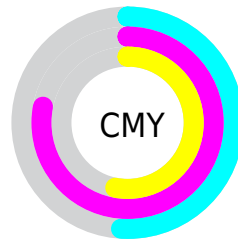
- Red (49%)
- Green (22%)
- Blue (47%)



- Red (49%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (56%)
- Yellow (5%)
- Black (51%)





- Cyan (51%)
- Magenta (78%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 45.589, 329.891 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 35, 45.589, 329.891 by changing the saturation by 10% instead.


 35, 45.589,
329.891


 35, 45.589,
329.891

 100, 45.589,
329.891


 25, 45.589,
329.891

 55, 45.589,
329.891


 15, 45.589,
329.891


 65, 45.589,
329.891

 5, 45.589, 329.891

 75, 45.589,
329.891

 0, 45.589, 329.891

 85, 45.589,
329.891

 95, 45.589,
329.891

35, 45.589,
329.891

35, 45.589,
329.891

33, 52.043,
330.385

38, 38.205,
329.369

31, 57.252,
330.846

41, 30.208,
328.825

30, 60.958,
331.275

44, 21.865,
328.269

29, 63.174,
331.681

47, 13.381,
327.706

28, 63.992,
331.845

50, 4.908, 327.129

54, 3.454, 146.685

58, 11.641,
146.121

61, 19.617,
145.610

■ 65, 27.363,
145.125

Harmonies

Complementary

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



35, 45.589, 329.891



47, 45.992, 142.186

Rectangle

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



35, 45.589, 329.891



35, 45.589, 19.891



35, 45.589, 149.891



35, 45.589, 199.891

Sweetspot

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



35, 45.587, 329.891



60, 17.825, 327.795



27, 45.239, 300.195



30, 11.868, 327.883



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



35, 45.587, 329.891



42, 64.962, 330.516



34, 33.883, 355.061



25, 4.811, 327.323



29, 64.757, 331.852



0, 0.000, 0.000

Inverse Universe

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



35, 45.587, 329.891



42, 64.962, 330.516



48, 30.932, 162.457



25, 4.811, 327.323



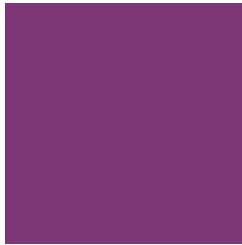
29, 64.757, 331.852



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 45.589, 329.891 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 35, 45.589, 329.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

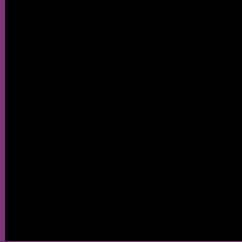
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 45.589, 329.891

Background



This preview shows how black text looks on a background with the CIELCh color 35, 45.589, 329.891.



This preview shows how white text looks on a background with the CIELCh color 35, 45.589, 329.891.

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

35, 45.589, 329.891

Protanopia

35, 37.534, 285.717

Deuteranopia

35, 20.688, 284.691



Tritanopia
35, 24.486, 16.632

Trichromacy



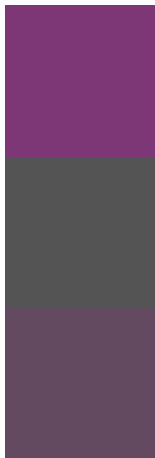
Original Color
35, 45.589, 329.891

Protanomaly
34, 38.367, 300.983

Deuteranomaly
34, 29.201, 309.084

Tritanomaly
35, 29.237, 352.196

Monochromacy



Original Color
35, 45.589, 329.891

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 17.666, 328.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 45.589, 329.891 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(125, 55, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 55, 119)  
}
```

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(125, 55, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 55, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 45.589, 329.891 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(125, 55, 119) }
```

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

```
.border{ border-color:rgb(125, 55, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 55, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 55, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 55, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 55,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 45.589, 329.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 55, 119) }
```

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

```
.background{ background-color: rgb(125, 55,  
119) }
```

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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