Converting Colors

CIELCh(29, 45.535, 326.519)

Have a look what the booklet for CIELCh(29, 45.535, 326.519) contains.

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Color

CIELCh(29, 45.382, 326.375)

Conversions

Conversions Part 1

Format	Color
Hex	6A2B6C
RGB	106, 43, 108
RGB Percent	42%, 17%, 42%
CMY	0.5853, 0.8323, 0.5774
CMYK	0.02, 0.60, 0.00, 0.58
HSL	298°, 43%, 30%
HSV	298°, 60%, 42%
XYZ	9.4648, 5.8380, 14.7500
YIQ	69.2470, 16.6830, 33.5710

Conversions

Conversions Part 2

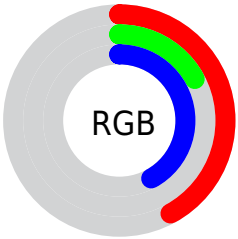
Format	Color
RYB	106, 43, 108
Decimal	6957932
CIELab	29.00, 37.79, -25.13
CIELCh	29, 45.382, 326.375
Yxy	5.8380, 0.3149, 0.1943
Android (android.graphics.Color)	4285148012 (0xFF6A2B6C)
YUV	69.2470, 19.1052, 32.2324
Hunter-Lab	24.1619, 27.6392, -19.2812

Details

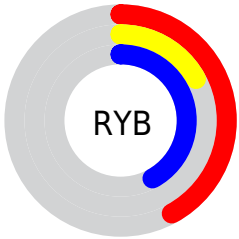
The CIELCh color 29, 45.382, 326.375 is a dark color, and the websafe version is hex 663366. A complement of this color would be 40, 45.635, 139.024, and the grayscale version is 29, 0.005, 296.813.

A 20% lighter version of the original color is 49, 45.165, 326.186, and 10, 41.294, 325.956 is the 20% darker color. If you saturate the color by 10%, you get 27, 51.131, 326.676, and if you desaturate by 10%, it is 31, 38.726, 326.002.

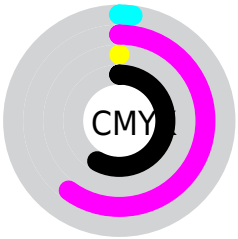
Distribution



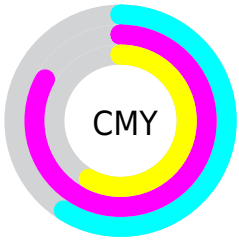
- Red (42%)
- Green (17%)
- Blue (42%)



- Red (42%)
- Yellow (17%)
- Blue (42%)



- Cyan (2%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 45.382, 326.375 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 29, 45.382, 326.375 by changing the saturation by 10% instead.

29, 45.382, 326.375

100, 45.382, 326.375

49, 45.382, 326.375

59, 45.382, 326.375

69, 45.382, 326.375

79, 45.382, 326.375

89, 45.382, 326.375

99, 45.382,

29, 45.382, 326.375

19, 45.382, 326.375

9, 45.382, 326.375

0, 45.382, 326.375

326.375

29, 45.382, 326.375

27, 51.131, 326.676

26, 55.715, 326.891

25, 58.942, 327.007

24, 61.388, 327.074

29, 45.382, 326.375

31, 38.726, 326.002

34, 31.445, 325.573

36, 23.782, 325.107

39, 15.936, 324.616

42, 8.056, 324.109

45, 0.246, 322.985

49, 7.426, 143.169

52, 14.917, 142.688

55, 22.205, 142.234

Harmonies

Complementary

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

29, 45.382, 326.375

40, 45.635, 139.024

Rectangle

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

29, 45.382, 326.375

29, 45.382, 16.375

29, 45.382, 146.375

29, 45.382, 196.375

Sweetspot

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

29, 45.381, 326.375

51, 17.523, 324.525

22, 41.911, 297.780

26, 12.279, 324.639

80, 0.010, 296.813

30, 0.005, 296.813

Same Dimension

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

29, 45.381, 326.375

35, 63.985, 326.766

28, 33.855, 348.037

21, 4.365, 324.039

26, 65.205, 327.063

57, 112.214, 326.995

Inverse Universe

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

27, 32.088, 24.538

32, 48.407, 28.366

41, 32.441, 155.701

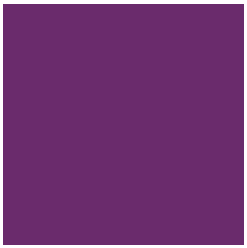
21, 2.547, 17.343

23, 56.140, 36.359

51, 100.173, 39.115

Previews

White Background

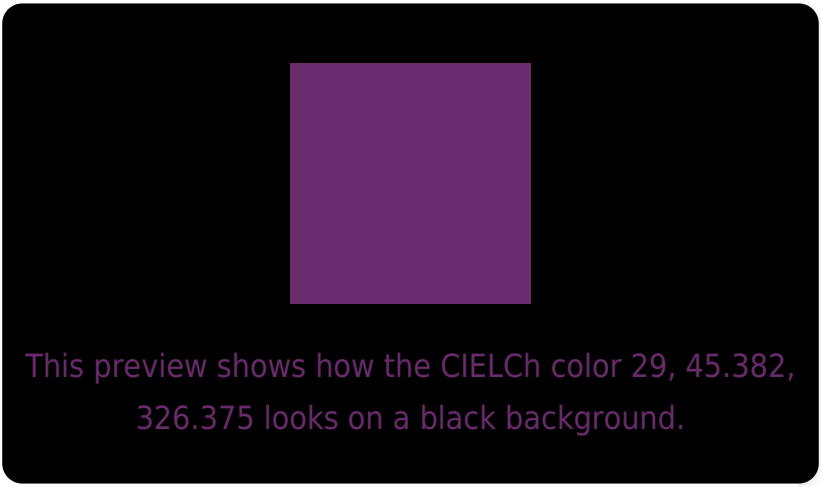


This preview shows how the CIELCh color 29, 45.382, 326.375 looks on a white background.

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

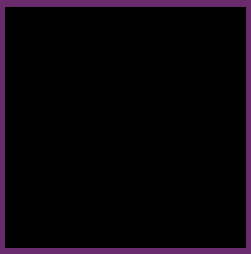


Color Contrast Check

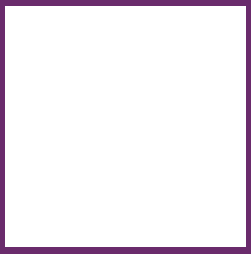
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 29, 45.382, 326.375 Background



This preview shows how black text looks on a background with the CIELCh color 29, 45.382, 326.375.



This preview shows how white text looks on a background with the CIELCh color 29, 45.382, 326.375.

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
29, 45.382, 326.375

Protanopia
29, 40.592, 286.144

Deuteranopia
29, 22.170, 280.925

Tritanopia
29, 20.951, 16.705

Trichromacy

Original Color
29, 45.382, 326.375

Protanomaly
28, 41.309, 298.683

Deuteranomaly
28, 30.221, 304.933

Tritanomaly
29, 26.999, 347.969

Monochromacy

Original Color
29, 45.382, 326.375

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 18.241, 324.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 45.382, 326.375 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(106, 43, 108) looks like.

```
.text, #text, p{
    color:rgb(106, 43, 108)
}
```

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(106, 43, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 43, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 45.382, 326.375 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(106, 43, 108) }
```

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

```
.border{ border-color:rgb(106, 43, 108) }
```

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

Here you see how a box with a 4 pixel rgb(106, 43, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 43, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 43, 108); box-shadow:4px 4px 4px 4px rgb(106, 43, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 45.382, 326.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(106, 43, 108) }
```

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

```
.background{ background-color:rgb(106, 43,
108) }
```

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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