

Converting Colors

CIELCh(43, 45.205, 287.601)

Have a look what the booklet for
CIELCh(43, 45.205, 287.601)
contains.

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Color

CIELCh(43, 45.171, 287.723)

Conversions

Conversions Part 1

Format	Color
Hex	4962AD
RGB	73, 98, 173
RGB Percent	29%, 38%, 68%
CMY	0.7139, 0.6158, 0.3217
CMYK	0.58, 0.43, 0.00, 0.32
HSL	225°, 41%, 48%
HSV	225°, 58%, 68%
XYZ	14.6464, 13.1578, 41.2798
YIQ	99.0750, -38.9750, 18.0250

Conversions

Conversions Part 2

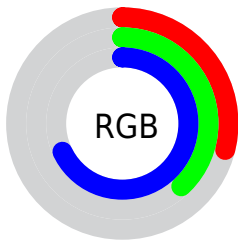
Format	Color
R _Y B	73, 93, 173
Decimal	4809389
CIE Lab	43.00, 13.75, -43.03
CIE LCh	43, 45.171, 287.723
Yxy	13.1578, 0.2120, 0.1905
Android (android.graphics.Color)	4282999469 (0xFF4962AD)
YUV	99.0750, 36.4450, -22.8678
Hunter-Lab	36.2736, 8.5949, -42.0811

Details

The CIELCh color **43, 45.171, 287.723** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **62, 42.487, 90.027**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 45.397, 287.923**, and **23, 45.262, 288.251** is the 20% darker color. If you saturate the color by 10%, you get **38, 53.798, 290.548**, and if you desaturate by 10%, it is **48, 36.814, 285.219**.

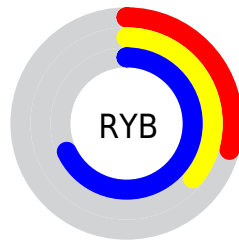
Distribution



Red (29%)

Green (38%)

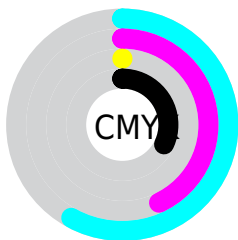
Blue (68%)



Red (29%)

Yellow (36%)

Blue (68%)

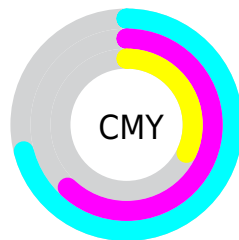


Cyan (58%)

Magenta (43%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (62%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 45.171, 287.723 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 43, 45.171, 287.723 by changing the saturation by 10% instead.

■ 43, 45.171,
287.723

■ 43, 45.171,
287.723

■ 100, 45.171,
287.723

■ 33, 45.171,
287.723

■ 63, 45.171,
287.723

■ 23, 45.171,
287.723

■ 73, 45.171,
287.723

■ 13, 45.171,
287.723

■ 83, 45.171,
287.723

■ 3, 45.171, 287.723

■ 93, 45.171,
287.723

■ 0, 45.171, 287.723

■ 43, 45.171,

■ 43, 45.171,

287.723

287.723

■ 38, 53.798,
290.548

■ 48, 36.814,
285.219

■ 34, 62.663,
293.629

■ 52, 28.715,
283.041

■ 30, 71.606,
296.823

■ 57, 20.847,
281.168

■ 27, 80.254,
299.872

■ 62, 13.188,
279.564

■ 26, 82.061,
300.457

■ 67, 5.720, 278.200

■ 72, 1.568, 96.876

■ 77, 8.685, 95.935

■ 81, 15.638, 95.049

■ 86, 22.432, 94.269

Harmonies

Complementary

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



43, 45.171, 287.723



62, 42.487, 90.027

Rectangle

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



43, 45.171, 287.723



43, 45.171, 337.723



43, 45.171, 107.723



43, 45.171, 157.723

Sweetspot

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



43, 45.170, 287.724



79, 15.542, 279.487



64, 36.071, 172.037



41, 10.406, 279.774



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 45.170, 287.724



49, 67.897, 291.265



38, 61.154, 304.483



34, 4.158, 278.388



22, 73.257, 300.109



2, 9.151, 280.166

Inverse Universe

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



45, 43.725, 8.069



53, 63.513, 11.689



67, 53.012, 115.802



34, 4.026, 0.321



31, 60.346, 24.464



2, 8.167, 2.947

Previews

White Background



This preview shows how the CIE LCh color 43, 45.171, 287.723 looks on a white background.

Color Contrast Check

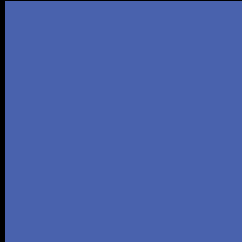
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 45.171, 287.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

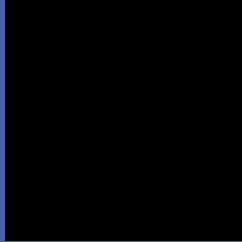
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 45.171, 287.723

Background



This preview shows how black text looks on a background with the CIELCh color 43, 45.171, 287.723.



This preview shows how white text looks on a background with the CIELCh color 43, 45.171, 287.723.

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


43, 45.171, 287.723

Protanopia

43, 45.279, 285.946

Deuteranopia

43, 43.043, 278.875



Tritanopia
43, 19.620, 213.574

Trichromacy



Original Color
43, 45.171, 287.723

Protanomaly
43, 45.218, 286.496

Deuteranomaly
43, 43.307, 281.443

Tritanomaly
43, 23.763, 255.851

Monochromacy



Original Color
43, 45.171, 287.723

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 16.529, 281.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 45.171, 287.723 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(73, 98, 173)` looks like.

```
.text, #text, p{  
    color:rgb(73, 98, 173)  
}
```

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(73, 98, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 98, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 45.171, 287.723 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(73, 98, 173) }
```

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

```
.border{ border-color:rgb(73, 98, 173) }
```

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

Here you see how a box with a 4 pixel rgb(73, 98, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 98, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 98, 173);  
box-shadow:4px 4px 4px 4px rgb(73, 98,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 45.171, 287.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 98, 173) }
```

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

```
.background{ background-color: rgb(73, 98,  
173) }
```

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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