

Converting Colors

CIELCh(17, 44.836, 310.586)

Have a look what the booklet for
CIELCh(17, 44.836, 310.586)
contains.

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Color

CIELCh(17, 44.574, 310.830)

Conversions

Conversions Part 1

Format	Color
Hex	371A5B
RGB	55, 26, 91
RGB Percent	22%, 10%, 36%
CMY	0.7845, 0.8982, 0.6433
CMYK	0.40, 0.71, 0.00, 0.64
HSL	267°, 56%, 23%
HSV	267°, 71%, 36%
XYZ	3.8278, 2.3023, 10.1296
YIQ	42.0810, -3.5810, 26.3630

Conversions

Conversions Part 2

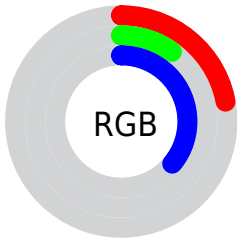
Format	Color
RYB	55, 26, 91
Decimal	3611227
CIELab	17.00, 29.14, -33.73
CIELCh	17, 44.574, 310.830
Yxy	2.3023, 0.2354, 0.1416
Android (android.graphics.Color)	4281801307 (0xFF371A5B)
YUV	42.0810, 24.1171, 11.3300
Hunter-Lab	15.1734, 18.4761, -28.9600

Details

The CIELCh color **17, 44.574, 310.830** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **35, 39.681, 124.373**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 44.420, 310.609**, and **2, 28.963, 296.251** is the 20% darker color. If you saturate the color by 10%, you get **15, 50.125, 311.156**, and if you desaturate by 10%, it is **20, 38.460, 310.357**.

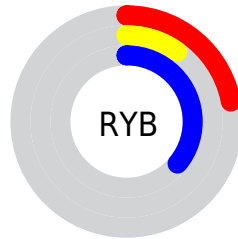
Distribution



Red (22%)

Green (10%)

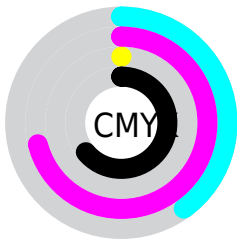
Blue (36%)



Red (22%)

Yellow (10%)

Blue (36%)

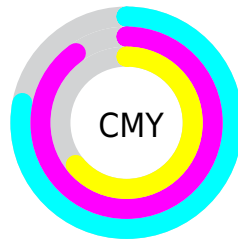


Cyan (40%)

Magenta (71%)

Yellow (0%)

Black (64%)



Cyan (78%)

Magenta (90%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 44.574, 310.830 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 17, 44.574, 310.830 by changing the saturation by 10% instead.

■ 17, 44.574,
310.830

■ 17, 44.574,
310.830

■ 100, 44.574,
310.830

■ 7, 44.574, 310.830

■ 37, 44.574,
310.830

■ 0, 44.574, 310.830

■ 47, 44.574,
310.830

■ 57, 44.574,
310.830


■ 67, 44.574,
310.830


■ 77, 44.574,
310.830


■ 87, 44.574,


310.830


 97, 44.574,
310.830


 17, 44.574,
310.830


 17, 44.574,
310.830


 15, 50.125,
311.156


 20, 38.460,
310.357


 12, 54.788,
311.260

 23, 32.081,
309.810

 11, 58.983,
311.533

 26, 25.632,
309.242

 29, 19.233,
308.684

 32, 12.950,
308.154

■ 35, 6.821, 307.662

■ 38, 0.861, 307.161

■ 41, 4.925, 126.838

■ 44, 10.538,
126.476

Harmonies

Complementary

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



17, 44.574, 310.830



35, 39.681, 124.373

Rectangle

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



17, 44.574, 310.830



17, 44.574, 0.830



17, 44.574, 130.830



17, 44.574, 180.830

Sweetspot

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



17, 44.574, 310.830



41, 15.632, 308.164



25, 20.871, 262.052



19, 10.497, 308.248



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



17, 44.574, 310.830



19, 64.064, 311.245



22, 45.105, 325.530



17, 3.348, 307.539



14, 67.420, 311.272



36, 119.702, 310.568

Inverse Universe

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



21, 34.176, 348.292



26, 46.331, 351.708



34, 45.390, 137.488



17, 2.826, 341.453



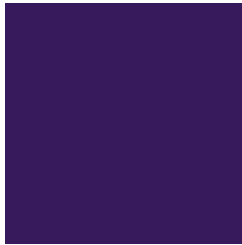
22, 46.441, 355.135



51, 81.092, 357.628

Previews

White Background



This preview shows how the CIE LCh color 17, 44.574, 310.830 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 17, 44.574, 310.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

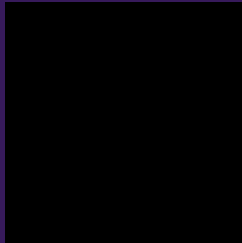
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 44.574, 310.830

Background



This preview shows how black text looks on a background with the CIELCh color 17, 44.574, 310.830.



This preview shows how white text looks on a background with the CIELCh color 17, 44.574, 310.830.

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


17, 44.574, 310.830

Protanopia

17, 32.326, 283.059

Deuteranopia

17, 23.695, 269.848



Tritanopia
17, 2.532, 324.702

Trichromacy



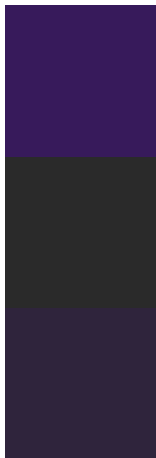
Original Color
17, 44.574, 310.830

Protanomaly
16, 36.181, 292.635

Deuteranomaly
16, 30.819, 289.340

Tritanomaly
17, 18.941, 310.879

Monochromacy



Original Color
17, 44.574, 310.830

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 17.447, 309.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 44.574, 310.830 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(55, 26, 91)` looks like.

```
.text, #text, p{  
    color:rgb(55, 26, 91)  
}
```

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(55, 26, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 26, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 44.574, 310.830 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(55, 26, 91) }
```

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

```
.border{ border-color:rgb(55, 26, 91) }
```

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

Here you see how a box with a 4 pixel rgb(55, 26, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 26, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 26, 91);  
box-shadow:4px 4px 4px 4px rgb(55, 26, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 44.574, 310.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 26, 91) }
```

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

```
.background{ background-color: rgb(55, 26,  
91) }
```

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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