

Converting Colors

CIELCh(27, 17.480, 322.184)

Have a look what the booklet for
CIELCh(27, 17.480, 322.184)
contains.

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Color

CIELCh(27, 17.184, 322.069)

Conversions

Conversions Part 1

Format	Color
Hex	4D3950
RGB	77, 57, 80
RGB Percent	30%, 22%, 31%
CMY	0.6978, 0.7762, 0.6860
CMYK	0.04, 0.29, 0.00, 0.69
HSL	292°, 17%, 27%
HSV	292°, 29%, 31%
XYZ	5.9831, 5.0937, 8.2706
YIQ	65.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

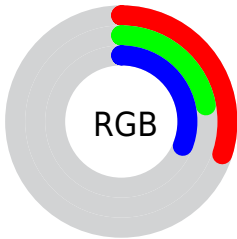
Format	Color
R_{YB}	77, 57, 80
Decimal	5060944
CIE _{Lab}	27.00, 13.55, -10.56
CIE _{LCh}	27, 17.184, 322.069
Yxy	5.0937, 0.3092, 0.2633
Android (android.graphics.Color)	4283251024 (0xFF4D3950)
YUV	65.6020, 7.0982, 9.9960
Hunter-Lab	22.5692, 7.8242, -5.9288

Details

The CIELCh color **27, 17.184, 322.069** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 17.057, 139.388**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 17.182, 322.025**, and **7, 16.630, 322.016** is the 20% darker color. If you saturate the color by 10%, you get **25, 23.145, 322.480**, and if you desaturate by 10%, it is **29, 11.164, 321.640**.

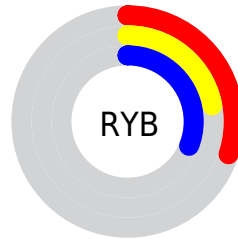
Distribution



 Red (30%)

 Green (22%)

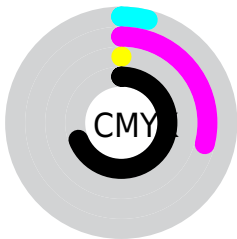
 Blue (31%)




 Red (30%)

 Yellow (22%)

 Blue (31%)

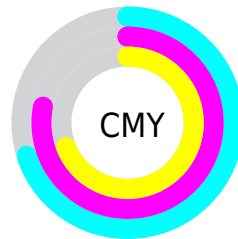


 Cyan (4%)

 Magenta (29%)

 Yellow (0%)

 Black (69%)



 Cyan (70%)


 Magenta (78%)


 Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 17.184, 322.069 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 27, 17.184, 322.069 by changing the saturation by 10% instead.

 27, 17.184,
322.069

 27, 17.184,
322.069

 100, 17.184,
322.069


 17, 17.184,
322.069


 47, 17.184,
322.069


 7, 17.184, 322.069


 57, 17.184,
322.069

 0, 17.184, 322.069

 67, 17.184,
322.069

 77, 17.184,
322.069

 87, 17.184,
322.069

 97, 17.184,

322.069

■ 27, 17.184,
322.069

■ 27, 17.184,
322.069

■ 25, 23.145,
322.480

■ 29, 11.164,
321.640

■ 23, 28.934,
322.858

■ 32, 5.170, 321.198

■ 21, 34.394,
323.184

■ 34, 0.742, 140.956

■ 37, 6.539, 140.405

■ 19, 39.334,
323.433

■ 40, 12.198,
140.004

■ 17, 43.542,
323.582

■ 42, 17.710,
139.628

■ 16, 46.824,
323.605

■ 45, 23.071,
139.276

■ 15, 49.892,
323.620

■ 47, 28.282,
138.948

■ 15, 50.305,
323.627

■ 50, 33.346,
138.642

Harmonies

Complementary

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



27, 17.184, 322.069



32, 17.057, 139.388

Rectangle

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



27, 17.184, 322.069



27, 17.184, 12.069



27, 17.184, 142.069



27, 17.184, 192.069

Sweetspot

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



27, 17.183, 322.069



41, 6.651, 321.226



26, 13.102, 287.528



20, 4.662, 321.267



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



27, 17.183, 322.069



34, 25.355, 322.339



27, 13.833, 339.127



15, 3.363, 321.199



21, 60.556, 323.466



50, 108.701, 323.147

Inverse Universe

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



27, 10.938, 11.353



33, 16.397, 12.182



32, 13.622, 154.965



15, 2.048, 9.297



20, 48.796, 30.759



49, 91.340, 34.893

Previews

White Background



This preview shows how the CIELCh color 27, 17.184, 322.069 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 CIELCh color 27, 17.184, 322.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

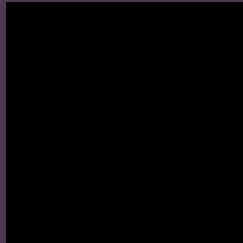
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 17.184, 322.069

Background



This preview shows how black text looks on a background with the CIELCh color 27, 17.184, 322.069.



This preview shows how white text looks on a background with the CIELCh color 27, 17.184, 322.069.

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

27, 17.184, 322.069

Protanopia

27, 14.398, 285.314

Deuteranopia

27, 10.422, 292.218



Tritanopia
27, 7.552, 355.453

Trichromacy



Original Color
27, 17.184, 322.069

Protanomaly
27, 14.484, 299.285

Deuteranomaly
27, 12.142, 306.225

Tritanomaly
27, 10.392, 337.996

Monochromacy



Original Color
27, 17.184, 322.069

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 6.060, 321.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 17.184, 322.069 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(77, 57, 80)` looks like.

```
.text, #text, p{  
    color:rgb(77, 57, 80)  
}
```

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(77, 57, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 57, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 17.184, 322.069 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(77, 57, 80) }
```

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

```
.border{ border-color:rgb(77, 57, 80) }
```

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

Here you see how a box with a 4 pixel rgb(77, 57, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 57, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 57, 80);  
box-shadow:4px 4px 4px 4px rgb(77, 57, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 17.184, 322.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 57, 80) }
```

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

```
.background{ background-color: rgb(77, 57,  
80) }
```

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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