

Converting Colors

CIELCh(17, 14.136, 351.581)

Have a look what the booklet for
CIELCh(17, 14.136, 351.581)
contains.

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Color

CIELCh(17, 14.470, 352.026)

Conversions

Conversions Part 1

Format	Color
Hex	3C222D
RGB	60, 34, 45
RGB Percent	24%, 13%, 18%
CMY	0.7644, 0.8663, 0.8232
CMYK	0.00, 0.43, 0.25, 0.76
HSL	335°, 28%, 18%
HSV	335°, 43%, 24%
XYZ	2.9185, 2.3023, 2.7816
YIQ	43.0280, 11.9650, 8.9330

Conversions

Conversions Part 2

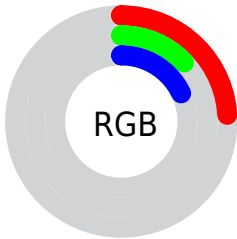
Format	Color
RYB	60, 34, 45
Decimal	3940909
CIELab	17.00, 14.33, -2.01
CIELCh	17, 14.470, 352.026
Yxy	2.3023, 0.3647, 0.2877
Android (android.graphics.Color)	4282130989 (0xFF3C222D)
YUV	43.0280, 0.9722, 14.8844
Hunter-Lab	15.1734, 7.7802, -0.2478

Details

The CIELCh color **17, 14.470, 352.026** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 13.541, 164.252**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 14.435, 351.070**, and **0, 0.832, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 17.771, 353.324**, and if you desaturate by 10%, it is **19, 11.084, 350.904**.

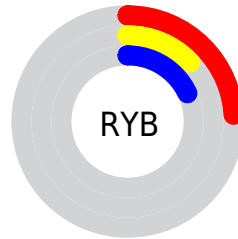
Distribution



Red (24%)

Green (13%)

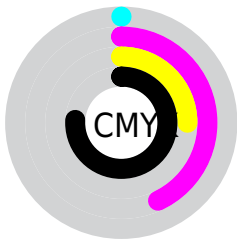
Blue (18%)



Red (24%)

Yellow (13%)

Blue (18%)

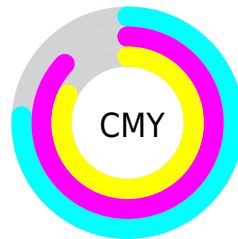


Cyan (0%)

Magenta (43%)

Yellow (25%)

Black (76%)



Cyan (76%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.470, 352.026 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, 14.470, 352.026 by changing the saturation by 10% instead.

■ 17, 14.470,
352.026

■ 17, 14.470,
352.026

■ 100, 14.470,
352.026

■ 7, 14.470, 352.026

■ 37, 14.470,
352.026

■ 0, 14.470, 352.026

■ 47, 14.470,
352.026


■ 57, 14.470,
352.026


■ 67, 14.470,
352.026

■ 77, 14.470,
352.026


■ 87, 14.470,


352.026

 97, 14.470,
352.026

 17, 14.470,
352.026


 17, 14.470,
352.026

 15, 17.771,
353.324

 19, 11.084,
350.904


 14, 20.891,
354.847

 21, 7.690, 349.912

 12, 23.708,
356.671


 23, 4.337, 349.016

 25, 1.058, 348.092

 11, 26.093,
358.891

 27, 2.129, 167.634

 10, 28.411, 1.103

 29, 5.214, 166.922

■ 9, 30.199, 2.317

■ 31, 8.195, 166.300

■ 33, 11.075,
165.730

■ 35, 13.856,
165.202

Harmonies

Complementary

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



17, 14.470, 352.026



23, 13.541, 164.252

Rectangle

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



17, 14.470, 352.026



17, 14.470, 42.026



17, 14.470, 172.026



17, 14.470, 222.026

Sweetspot

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



17, 14.469, 352.028



30, 5.339, 349.045



16, 19.236, 313.082



14, 3.775, 349.138



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



17, 14.469, 352.028



21, 21.785, 353.493



17, 12.793, 27.778



10, 1.830, 348.600



18, 40.795, 5.887



47, 76.158, 10.107

Inverse Universe

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



17, 14.469, 352.028



21, 21.785, 353.493



23, 9.743, 204.637



10, 1.830, 348.600



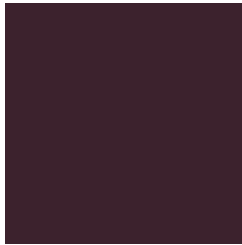
18, 40.795, 5.887



47, 76.158, 10.107

Previews

White Background



This preview shows how the CIE LCh color 17, 14.470, 352.026 looks on a white background.

Color Contrast Check

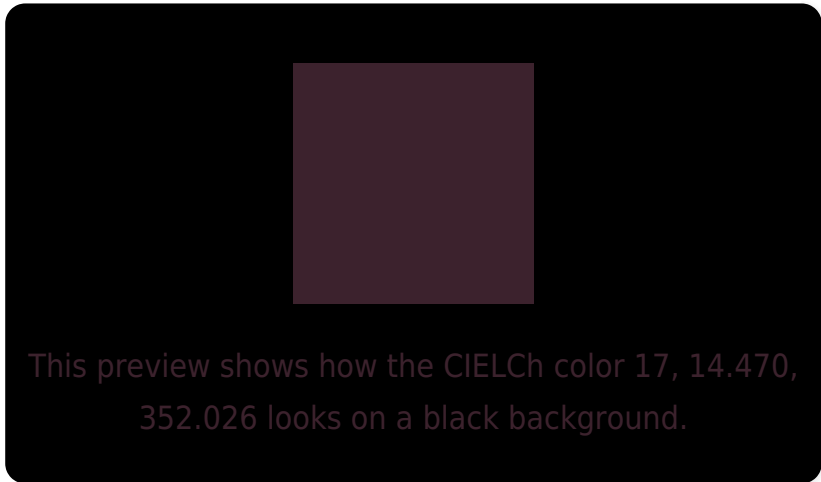
Large Text (above 18pt) WCAG AA ✓ Pass

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

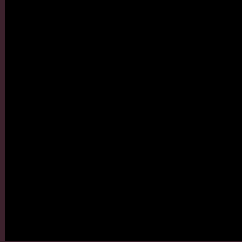
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 14.470, 352.026

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.470, 352.026.



This preview shows how white text looks on a background with the CIELCh color 17, 14.470, 352.026.

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, 14.470, 352.026

Protanopia

17, 5.568, 287.016

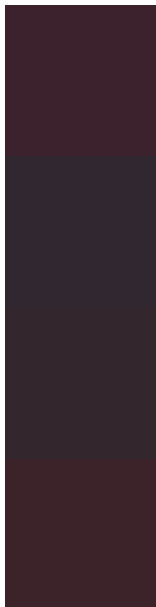
Deuteranopia

17, 3.181, 339.260



Tritanopia
17, 12.290, 13.071

Trichromacy



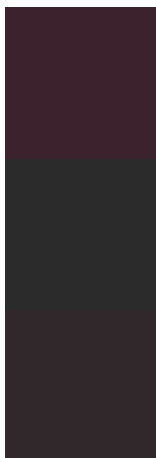
Original Color
17, 14.470, 352.026

Protanomaly
17, 7.560, 325.276

Deuteranomaly
17, 7.515, 347.726

Tritanomaly
17, 12.510, 3.639

Monochromacy



Original Color
17, 14.470, 352.026

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 5.146, 348.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.470, 352.026 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(60, 34, 45)` looks like.

```
.text, #text, p{  
    color:rgb(60, 34, 45)  
}
```

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(60, 34, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 34, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.470, 352.026 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(60, 34, 45) }
```

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

```
.border{ border-color:rgb(60, 34, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 34, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 34, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 34, 45);  
box-shadow:4px 4px 4px 4px rgb(60, 34, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.470, 352.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 34, 45) }
```

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

```
.background{ background-color: rgb(60, 34,  
45) }
```

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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