

Converting Colors

CIELCh(17, 14.554, 346.406)

Have a look what the booklet for
CIELCh(17, 14.554, 346.406)
contains.

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Color

CIELCh(17, 14.710, 346.046)

Conversions

Conversions Part 1

Format	Color
Hex	3B222F
RGB	59, 34, 47
RGB Percent	23%, 13%, 18%
CMY	0.7676, 0.8657, 0.8147
CMYK	0.00, 0.42, 0.20, 0.77
HSL	329°, 27%, 18%
HSV	329°, 42%, 23%
XYZ	2.9155, 2.3023, 3.0056
YIQ	42.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

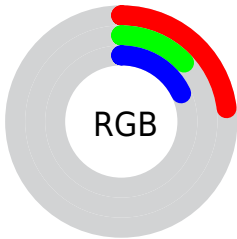
Format	Color
R_{YB}	59, 34, 47
Decimal	3875375
CIE _{Lab}	17.00, 14.28, -3.55
CIE _{LCh}	17, 14.710, 346.046
Yxy	2.3023, 0.3545, 0.2800
Android (android.graphics.Color)	4282065455 (0xFF3B222F)
YUV	42.9570, 1.9932, 14.0697
Hunter-Lab	15.1734, 7.7446, -1.1228

Details

The CIELCh color **17, 14.710, 346.046** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 14.141, 159.124**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 14.673, 345.868**, and **0, 0.555, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 18.095, 347.125**, and if you desaturate by 10%, it is **19, 11.216, 345.091**.

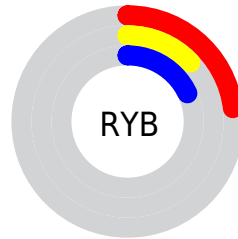
Distribution



Red (23%)

Green (13%)

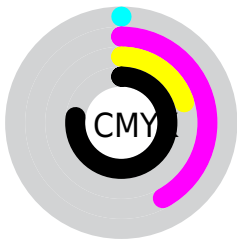
Blue (18%)



Red (23%)

Yellow (13%)

Blue (18%)

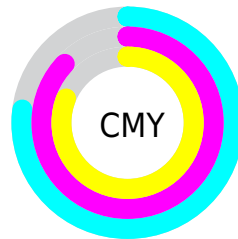


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (77%)



Cyan (77%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.710, 346.046 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, 14.710, 346.046 by changing the saturation by 10% instead.

■ 17, 14.710,
346.046

■ 17, 14.710,
346.046

■ 100, 14.710,
346.046

■ 7, 14.710, 346.046

■ 37, 14.710,
346.046

■ 0, 14.710, 346.046

■ 47, 14.710,
346.046


■ 57, 14.710,
346.046


■ 67, 14.710,
346.046


■ 77, 14.710,
346.046


■ 87, 14.710,


346.046


 97, 14.710,
346.046

 17, 14.710,
346.046


 17, 14.710,
346.046

 15, 18.095,
347.125


 19, 11.216,
345.091

 14, 21.272,
348.361


 21, 7.694, 344.227

 12, 24.116,
349.807

 23, 4.195, 343.429

 11, 26.490,
351.532

 25, 0.757, 342.531

 10, 28.681,
353.308

 29, 5.867, 161.509

■ 9, 30.646, 354.446

■ 31, 9.035, 160.926

■ 33, 12.106,
160.386

■ 35, 15.082,
159.882

Harmonies

Complementary

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



17, 14.710, 346.046



23, 14.141, 159.124

Rectangle

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



17, 14.710, 346.046



17, 14.710, 36.046



17, 14.710, 166.046



17, 14.710, 216.046

Sweetspot

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



17, 14.709, 346.047



29, 5.530, 343.536



16, 18.281, 309.793



13, 3.801, 343.605



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



17, 14.709, 346.047



21, 21.848, 347.250



17, 12.939, 20.268



10, 1.950, 343.137



18, 41.437, 357.319



48, 76.479, 0.671

Inverse Universe

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



17, 14.709, 346.047



21, 21.848, 347.250



23, 10.193, 194.471



10, 1.950, 343.137



18, 41.437, 357.319



48, 76.479, 0.671

Previews

White Background



This preview shows how the CIE LCh color 17, 14.710, 346.046 looks on a white background.

Color Contrast Check

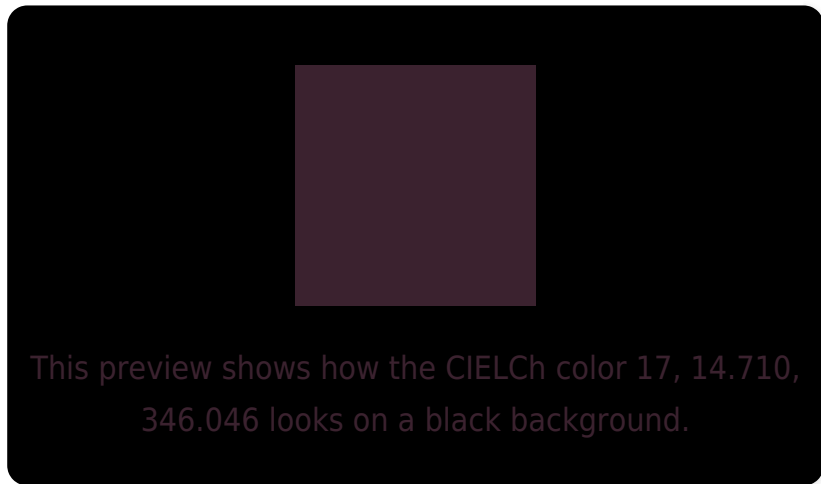
Large Text (above 18pt) WCAG AA ✓ Pass

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

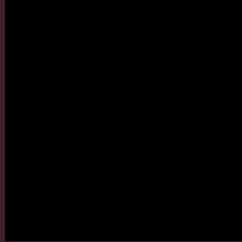
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 14.710, 346.046

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.710, 346.046.



This preview shows how white text looks on a background with the CIELCh color 17, 14.710, 346.046.

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, 14.710, 346.046

Protanopia

17, 6.982, 284.786

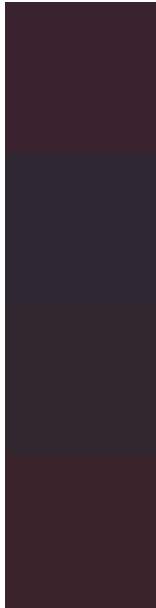
Deuteranopia

17, 3.970, 319.184



Tritanopia
17, 11.233, 11.816

Trichromacy



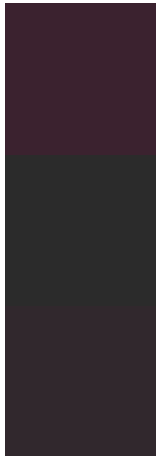
Original Color
17, 14.710, 346.046

Protanomaly
17, 8.528, 317.365

Deuteranomaly
17, 7.138, 338.336

Tritanomaly
17, 12.209, 359.555

Monochromacy



Original Color
17, 14.710, 346.046

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 5.531, 341.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.710, 346.046 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(59, 34, 47)` looks like.

```
.text, #text, p{  
    color:rgb(59, 34, 47)  
}
```

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(59, 34, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 34, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.710, 346.046 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(59, 34, 47) }
```

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

```
.border{ border-color:rgb(59, 34, 47) }
```

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

Here you see how a box with a 4 pixel rgb(59, 34, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 34, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 34, 47);  
box-shadow:4px 4px 4px 4px rgb(59, 34, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.710, 346.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 34, 47) }
```

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

```
.background{ background-color: rgb(59, 34,  
47) }
```

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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