

Converting Colors

CIELCh(17, 17.693, 350.375)

Have a look what the booklet for
CIELCh(17, 17.693, 350.375)
contains.

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Color

CIELCh(17, 17.632, 348.987)

Conversions

Conversions Part 1

Format	Color
Hex	3F202F
RGB	63, 32, 47
RGB Percent	25%, 13%, 18%
CMY	0.7526, 0.8742, 0.8154
CMYK	0.00, 0.49, 0.25, 0.75
HSL	331°, 33%, 19%
HSV	331°, 49%, 25%
XYZ	3.0882, 2.3023, 2.9789
YIQ	42.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

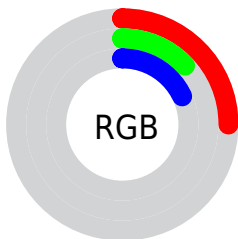
Format	Color
RYB	63, 32, 47
Decimal	4137007
CIELab	17.00, 17.31, -3.37
CIElCh	17, 17.632, 348.987
Yxy	2.3023, 0.3690, 0.2751
Android (android.graphics.Color)	4282327087 (0xFF3F202F)
YUV	42.9790, 1.9824, 17.5584
Hunter-Lab	15.1734, 9.7762, -1.0188

Details

The CIELCh color **17, 17.632, 348.987** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 16.696, 160.184**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 17.787, 348.910**, and **1, 3.057, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 21.006, 350.285**, and if you desaturate by 10%, it is **19, 14.077, 347.864**.

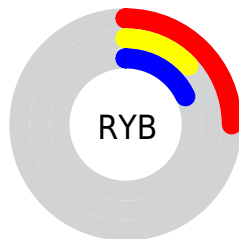
Distribution



Red (25%)

Green (13%)

Blue (18%)



Red (25%)

Yellow (13%)

Blue (18%)

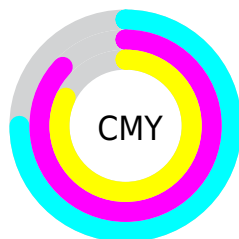


Cyan (0%)

Magenta (49%)

Yellow (25%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 17.632, 348.987 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, 17.632, 348.987 by changing the saturation by 10% instead.

■ 17, 17.632,
348.987

■ 17, 17.632,
348.987

■ 100, 17.632,
348.987

■ 7, 17.632, 348.987

■ 37, 17.632,
348.987

■ 0, 17.632, 348.987

■ 47, 17.632,
348.987


■ 57, 17.632,
348.987


■ 67, 17.632,
348.987


■ 77, 17.632,
348.987


■ 87, 17.632,


348.987


 97, 17.632,
348.987


 17, 17.632,
348.987


 17, 17.632,
348.987


 15, 21.006,
350.285


 19, 14.077,
347.864

 14, 24.077,
351.811

 21, 10.446,
346.872


 13, 26.700,
353.641


 23, 6.811, 345.979

 11, 28.870,
355.764

 25, 3.221, 345.150

 27, 0.292, 165.099

 10, 31.290,
357.599

 29, 3.711, 163.854

■ 10, 31.515,
357.738

■ 31, 7.026, 163.209

■ 33, 10.236,
162.623

■ 35, 13.343,
162.081

Harmonies

Complementary

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



17, 17.632, 348.987



24, 16.696, 160.184

Rectangle

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



17, 17.632, 348.987



17, 17.632, 38.987



17, 17.632, 168.987



17, 17.632, 218.987

Sweetspot

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



17, 17.631, 348.988



31, 6.588, 345.684



16, 22.644, 311.229



14, 4.421, 345.745



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, 17.631, 348.988



21, 25.864, 350.626



17, 16.328, 23.785



10, 1.903, 345.086



18, 41.073, 0.444



48, 76.076, 4.141

Inverse Universe

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



17, 17.631, 348.988



21, 25.864, 350.626



24, 12.016, 197.410



10, 1.903, 345.086



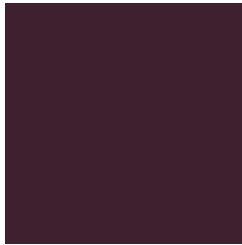
18, 41.073, 0.444



48, 76.076, 4.141

Previews

White Background



This preview shows how the CIELCh color 17, 17.632, 348.987 looks on a white background.

Color Contrast Check

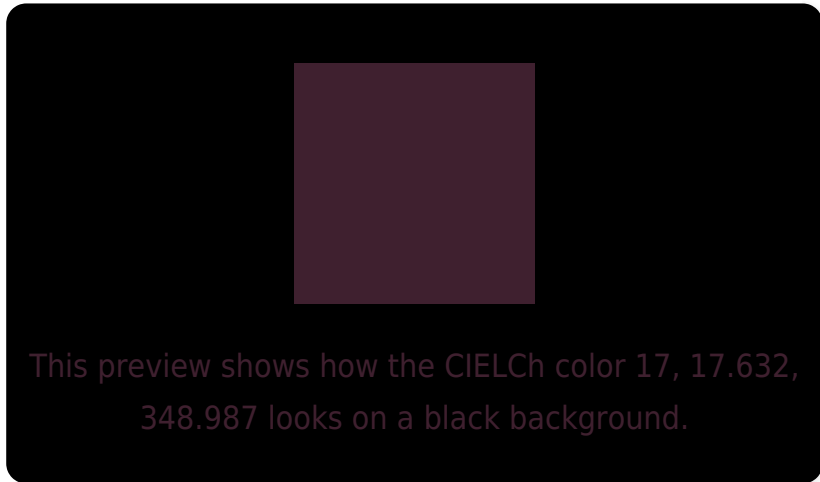
Large Text (above 18pt) WCAG AA ✓ Pass

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

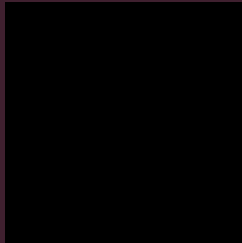
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 17.632, 348.987

Background



This preview shows how black text looks on a background with the CIELCh color 17, 17.632, 348.987.



This preview shows how white text looks on a background with the CIELCh color 17, 17.632, 348.987.

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, 17.632, 348.987

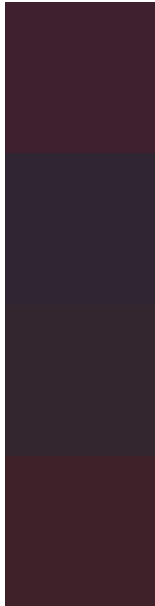
Protanopia
17, 8.357, 286.414

Deuteranopia
17, 3.970, 319.184



Tritanopia
17, 14.375, 15.139

Trichromacy



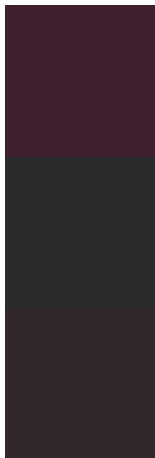
Original Color
17, 17.632, 348.987

Protanomaly
17, 10.175, 318.806

Deuteranomaly
17, 8.661, 341.843

Tritanomaly
17, 15.192, 2.679

Monochromacy



Original Color
17, 17.632, 348.987

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 6.332, 347.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 17.632, 348.987 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(63, 32, 47)` looks like.

```
.text, #text, p{  
    color:rgb(63, 32, 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(63, 32, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 32, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 17.632, 348.987 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(63, 32, 47) }
```

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

```
.border{ border-color:rgb(63, 32, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 32, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 32, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 32, 47);  
box-shadow:4px 4px 4px 4px rgb(63, 32, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 17.632, 348.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 32, 47) }
```

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

```
.background{ background-color: rgb(63, 32,  
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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