

Converting Colors

CIELCh(17, 11.708, 112.641)

Have a look what the booklet for
CIELCh(17, 11.708, 112.641)
contains.

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Color

CIELCh(17, 11.673, 112.286)

Conversions

Conversions Part 1

Format	Color
Hex	292B1A
RGB	41, 43, 26
RGB Percent	16%, 17%, 10%
CMY	0.8381, 0.8302, 0.8970
CMYK	0.05, 0.00, 0.39, 0.83
HSL	67°, 24%, 14%
HSV	67°, 39%, 17%
XYZ	1.9903, 2.3023, 1.3330
YIQ	40.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

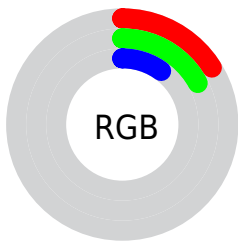
Format	Color
R_{YB}	26, 43, 28
Decimal	2698010
CIE Lab	17.00, -4.43, 10.80
CIE LCh	17, 11.673, 112.286
Yxy	2.3023, 0.3538, 0.4093
Android (android.graphics.Color)	4280888090 (0xFF292B1A)
YUV	40.4640, -7.1308, 0.4701
Hunter-Lab	15.1734, -3.1399, 5.4125

Details

The CIELCh color **17, 11.673, 112.286** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10, 12.590, 297.935**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 11.685, 112.712**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 14.533, 111.671**, and if you desaturate by 10%, it is **17, 8.748, 112.925**.

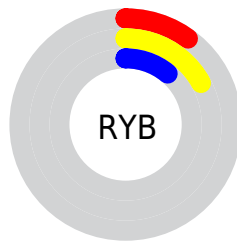
Distribution



Red (16%)

Green (17%)

Blue (10%)



Red (10%)

Yellow (17%)

Blue (11%)

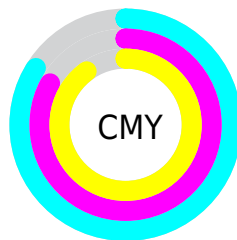


Cyan (5%)

Magenta (0%)

Yellow (39%)

Black (83%)



Cyan (84%)


Magenta (83%)


Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 11.673, 112.286 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, 11.673, 112.286 by changing the saturation by 10% instead.

 17, 11.673,
112.286

 17, 11.673,
112.286


 100, 11.673,
112.286


 7, 11.673, 112.286

 37, 11.673,
112.286

 0, 11.673, 112.286

 47, 11.673,
112.286


 57, 11.673,
112.286


 67, 11.673,
112.286

 77, 11.673,
112.286


 87, 11.673,

112.286


 97, 11.673,
112.286

 17, 11.673,
112.286

 17, 11.673,
112.286


 17, 14.533,
111.671

 17, 8.748, 112.925


 17, 17.268,
111.120

 17, 5.781, 113.567

 17, 2.790, 114.204


 17, 19.596,
110.902

 18, 0.212, 294.867

 17, 21.483,
110.936

 18, 3.218, 295.448

 18, 6.220, 296.039

 16, 23.249,
111.036

 18, 9.212, 296.609

■ 16, 25.018,
111.148

■ 19, 12.191,
297.154

■ 16, 25.141,
111.156

■ 19, 15.153,
297.674

Harmonies

Complementary

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



17, 11.673, 112.286



10, 12.590, 297.935

Rectangle

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



17, 11.673, 112.286



17, 11.673, 162.286



17, 11.673, 292.286



17, 11.673, 342.286

Sweetspot

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



17, 11.674, 112.289



23, 4.478, 113.989



12, 8.269, 31.417



10, 2.893, 114.011



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



17, 11.674, 112.289



23, 17.235, 111.642



16, 12.886, 131.581



6, 1.308, 114.961



34, 43.624, 109.458



80, 85.031, 110.061

Inverse Universe

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



10, 12.590, 297.935



13, 19.057, 299.043



11, 13.307, 314.424



6, 1.311, 294.621



6, 58.450, 306.855



27, 115.567, 306.661

Previews

White Background



This preview shows how the CIELCh color 17, 11.673, 112.286 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

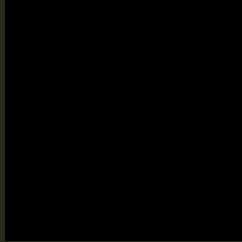
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 11.673, 112.286

Background



This preview shows how black text looks on a background with the CIELCh color 17, 11.673, 112.286.

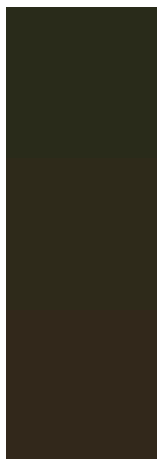


This preview shows how white text looks on a background with the CIELCh color 17, 11.673, 112.286.

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, 11.673, 112.286

Protanopia

17, 11.202, 96.226

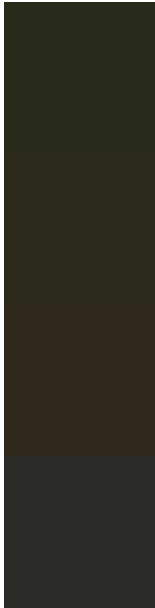
Deuteranopia

17, 10.574, 77.104



Tritanopia
17, 2.306, 314.870

Trichromacy



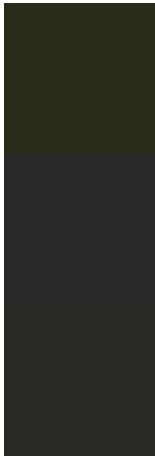
Original Color
17, 11.673, 112.286

Protanomaly
17, 11.038, 101.702

Deuteranomaly
17, 10.210, 89.250

Tritanomaly
17, 2.771, 109.441

Monochromacy



Original Color
17, 11.673, 112.286

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 4.190, 115.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 11.673, 112.286 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(41, 43, 26)` looks like.

```
.text, #text, p{  
    color:rgb(41, 43, 26)  
}
```

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(41, 43, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 43, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 11.673, 112.286 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(41, 43, 26) }
```

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

```
.border{ border-color:rgb(41, 43, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 43, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 43, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 43, 26);  
box-shadow:4px 4px 4px 4px rgb(41, 43, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 11.673, 112.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 43, 26) }
```

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

```
.background{ background-color: rgb(41, 43,  
26) }
```

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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