

Converting Colors

CIELCh(17, 30.908, 330.882)

Have a look what the booklet for
CIELCh(17, 30.908, 330.882)
contains.

CIELCh(17, 30.923, 331.017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(17, 30.923, 331.017)

Conversions

Conversions Part 1

Format	Color
Hex	451940
RGB	69, 25, 64
RGB Percent	27%, 10%, 25%
CMY	0.7307, 0.9032, 0.7502
CMYK	0.00, 0.64, 0.07, 0.73
HSL	307°, 47%, 18%
HSV	307°, 64%, 27%
XYZ	3.6892, 2.3023, 5.0547
YIQ	42.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

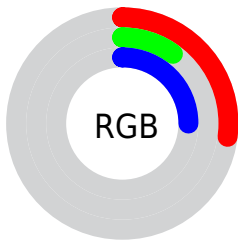
Format	Color
R_{YB}	69, 25, 64
Decimal	4528448
CIE _{Lab}	17.00, 27.05, -14.98
CIE _{LCh}	17, 30.923, 331.017
Yxy	2.3023, 0.3340, 0.2084
Android (android.graphics.Color)	4282718528 (0xFF451940)
YUV	42.6020, 10.5492, 23.1510
Hunter-Lab	15.1734, 16.8465, -9.1300

Details

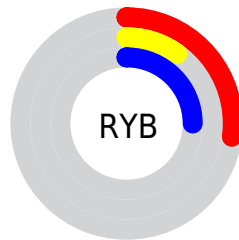
The CIELCh color **17, 30.923, 331.017** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **25, 31.280, 142.556**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 31.152, 331.061**, and **2, 12.448, 326.243** is the 20% darker color. If you saturate the color by 10%, you get **16, 34.576, 331.514**, and if you desaturate by 10%, it is **19, 26.693, 330.506**.

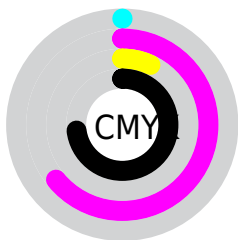
Distribution



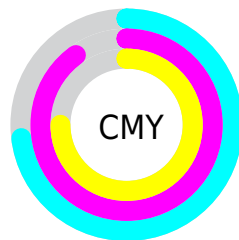
- Red (27%)
- Green (10%)
- Blue (25%)



- Red (27%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (64%)
- Yellow (7%)
- Black (73%)



- Cyan (73%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 30.923, 331.017 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, 30.923, 331.017 by changing the saturation by 10% instead.

■ 17, 30.923,
331.017

■ 17, 30.923,
331.017

■ 100, 30.923,
331.017

■ 7, 30.923, 331.017

■ 37, 30.923,
331.017

■ 0, 30.923, 331.017

■ 47, 30.923,
331.017


■ 57, 30.923,
331.017


■ 67, 30.923,
331.017


■ 77, 30.923,
331.017


■ 87, 30.923,


331.017


 97, 30.923,
331.017


 17, 30.923,
331.017


 17, 30.923,
331.017


 16, 34.576,
331.514


 19, 26.693,
330.506


 15, 37.493,
331.996

 20, 22.058,
329.983

 14, 39.965,
332.461

 22, 17.165,
329.453

 13, 41.545,
332.723

 24, 12.137,
328.920

 26, 7.068, 328.386

■ 28, 2.024, 327.822

■ 30, 2.948, 147.428

■ 33, 7.819, 146.911

■ 35, 12.573,
146.435

Harmonies

Complementary

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



17, 30.923, 331.017



25, 31.280, 142.556

Rectangle

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



17, 30.923, 331.017



17, 30.923, 21.017



17, 30.923, 151.017



17, 30.923, 201.017

Sweetspot

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



17, 30.922, 331.017



33, 11.913, 328.692



12, 31.702, 301.133



15, 8.272, 328.769



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



17, 30.922, 331.017



21, 43.538, 331.809



16, 23.358, 356.851



12, 2.710, 328.084



21, 52.329, 332.985



52, 95.897, 333.401

Inverse Universe

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



17, 30.922, 331.017



21, 43.538, 331.809



26, 21.070, 162.982



12, 2.710, 328.084



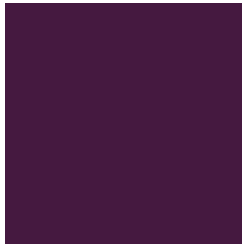
21, 52.329, 332.985



52, 95.897, 333.401

Previews

White Background



This preview shows how the CIE LCh color 17, 30.923, 331.017 looks on a white background.

Color Contrast Check

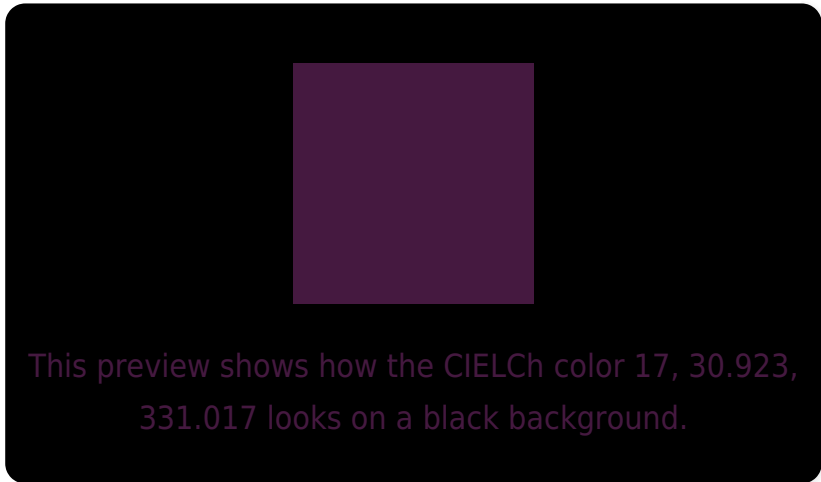
Large Text (above 18pt) WCAG AA ✓ Pass

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

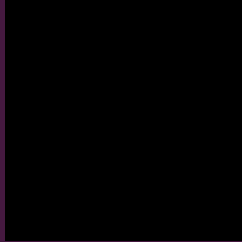
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 30.923, 331.017

Background



This preview shows how black text looks on a background with the CIELCh color 17, 30.923, 331.017.



This preview shows how white text looks on a background with the CIELCh color 17, 30.923, 331.017.

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, 30.923, 331.017

Protanopia

18, 25.770, 284.977

Deuteranopia

18, 12.594, 282.406



Tritanopia
17, 17.060, 19.510

Trichromacy



Original Color
17, 30.923, 331.017

Protanomaly
17, 25.881, 300.295

Deuteranomaly
17, 18.941, 310.879

Tritanomaly
17, 19.984, 354.944

Monochromacy



Original Color
17, 30.923, 331.017

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 12.204, 329.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 30.923, 331.017 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(69, 25, 64)` looks like.

```
.text, #text, p{  
    color:rgb(69, 25, 64)  
}
```

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(69, 25, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 25, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 30.923, 331.017 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(69, 25, 64) }
```

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

```
.border{ border-color:rgb(69, 25, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 25, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 25, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 25, 64);  
box-shadow:4px 4px 4px 4px rgb(69, 25, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 30.923, 331.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 25, 64) }
```

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

```
.background{ background-color: rgb(69, 25,  
64) }
```

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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