

Converting Colors

CIELCh(17, 25.463, 329.085)

Have a look what the booklet for
CIELCh(17, 25.463, 329.085)
contains.

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Color

CIELCh(17, 25.769, 328.671)

Conversions

Conversions Part 1

Format	Color
Hex	3F1D3D
RGB	63, 29, 61
RGB Percent	25%, 11%, 24%
CMY	0.7516, 0.8850, 0.7595
CMYK	0.00, 0.54, 0.03, 0.75
HSL	304°, 37%, 18%
HSV	304°, 54%, 25%
XYZ	3.3695, 2.3023, 4.7277
YIQ	42.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

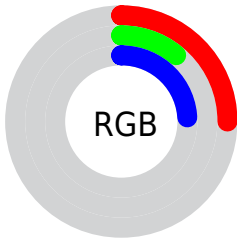
Format	Color
R_{YB}	63, 29, 61
Decimal	4136253
CIE _{Lab}	17.00, 22.01, -13.40
CIE _{LCh}	17, 25.769, 328.671
Yxy	2.3023, 0.3240, 0.2214
Android (android.graphics.Color)	4282326333 (0xFF3F1D3D)
YUV	42.8140, 8.9657, 17.7031
Hunter-Lab	15.1734, 13.0856, -7.8519

Details

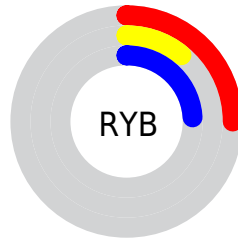
The CIELCh color **17, 25.769, 328.671** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 25.889, 142.232**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 26.226, 328.480**, and **1, 8.883, 314.625** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.917, 329.108**, and if you desaturate by 10%, it is **19, 21.248, 328.207**.

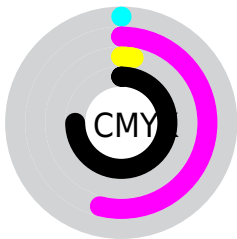
Distribution



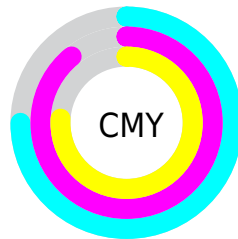
- Red (25%)
- Green (11%)
- Blue (24%)



- Red (25%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (54%)
- Yellow (3%)
- Black (75%)





- Cyan (75%)
- Magenta (89%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.769, 328.671 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, 25.769, 328.671 by changing the saturation by 10% instead.

 17, 25.769,
328.671


 17, 25.769,
328.671


 100, 25.769,
328.671


 7, 25.769, 328.671


 37, 25.769,
328.671

 0, 25.769, 328.671

 47, 25.769,
328.671


 57, 25.769,
328.671


 67, 25.769,
328.671


 77, 25.769,
328.671


 87, 25.769,


328.671


 97, 25.769,
328.671


 17, 25.769,
328.671


 17, 25.769,
328.671


 16, 29.917,
329.108


 19, 21.248,
328.207

 14, 33.545,
329.511


 20, 16.493,
327.723

 13, 36.504,
329.874

 22, 11.615,
327.228

 12, 39.150,
330.210

 24, 6.699, 326.724

 12, 40.934,
330.418

 26, 1.808, 326.184

 28, 3.016, 145.807

■ 30, 7.743, 145.313

■ 32, 12.358,
144.853

■ 34, 16.852,
144.414

Harmonies

Complementary

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



17, 25.769, 328.671



24, 25.889, 142.232

Rectangle

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



17, 25.769, 328.671



17, 25.769, 18.671



17, 25.769, 148.671



17, 25.769, 198.671

Sweetspot

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



17, 25.768, 328.671



31, 9.659, 326.874



13, 24.426, 298.177



14, 6.411, 326.904



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, 25.768, 328.671



21, 36.802, 329.232



16, 18.947, 351.695



10, 2.626, 326.449



21, 53.467, 330.565



52, 99.258, 330.765

Inverse Universe

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



17, 25.768, 328.671



21, 36.802, 329.232



24, 17.669, 161.487



10, 2.626, 326.449



21, 53.467, 330.565



52, 99.258, 330.765

Previews

White Background



This preview shows how the CIE LCh color 17, 25.769, 328.671 looks on a white background.

Color Contrast Check

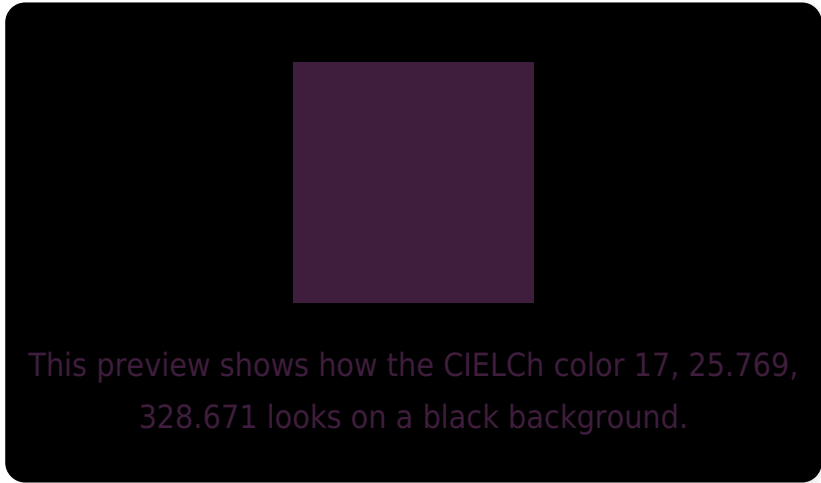
Large Text (above 18pt) WCAG AA ✓ Pass

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

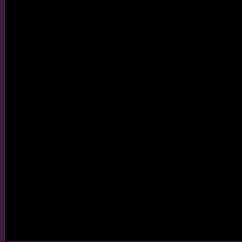
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.769, 328.671

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.769, 328.671.



This preview shows how white text looks on a background with the CIELCh color 17, 25.769, 328.671.

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, 25.769, 328.671

Protanopia

17, 20.956, 284.168

Deuteranopia

17, 11.905, 283.432



Tritanopia
17, 13.304, 14.117

Trichromacy



Original Color
17, 25.769, 328.671

Protanomaly
17, 21.751, 300.402

Deuteranomaly
17, 16.640, 308.552

Tritanomaly
17, 16.253, 350.879

Monochromacy



Original Color
17, 25.769, 328.671

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.028, 325.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.769, 328.671 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, 29, 61)` looks like.

```
.text, #text, p{  
    color:rgb(63, 29, 61)  
}
```

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, 29, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 29, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.769, 328.671 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, 29, 61) }
```

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

```
.border{ border-color:rgb(63, 29, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 29, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 29, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 29, 61);  
box-shadow:4px 4px 4px 4px rgb(63, 29, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.769, 328.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 29, 61) }
```

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

```
.background{ background-color: rgb(63, 29,  
61) }
```

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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