

Converting Colors

CIELCh(17, 25.290, 327.802)

Have a look what the booklet for
CIELCh(17, 25.290, 327.802)
contains.

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Color

CIELCh(17, 25.046, 328.654)

Conversions

Conversions Part 1

Format	Color
Hex	3F1E3D
RGB	63, 30, 61
RGB Percent	25%, 12%, 24%
CMY	0.7538, 0.8831, 0.7616
CMYK	0.00, 0.53, 0.03, 0.75
HSL	304°, 36%, 18%
HSV	304°, 53%, 25%
XYZ	3.3314, 2.3023, 4.6535
YIQ	43.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

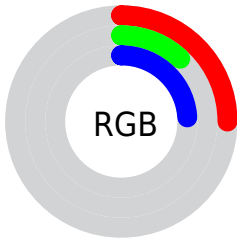
Format	Color
R_{YB}	63, 30, 61
Decimal	4136509
CIE Lab	17.00, 21.39, -13.03
CIE LCh	17, 25.046, 328.654
Yxy	2.3023, 0.3238, 0.2238
Android (android.graphics.Color)	4282326589 (0xFF3F1E3D)
YUV	43.4010, 8.6763, 17.1883
Hunter-Lab	15.1734, 12.6374, -7.5620




Details

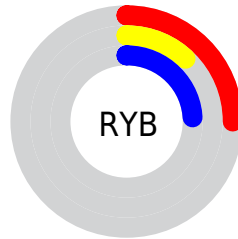
The CIELCh color **17, 25.046, 328.654** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 25.149, 142.390**, and the grayscale version is **18, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 25.511, 328.498**, and **1, 9.031, 316.548** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.215, 329.096**, and if you desaturate by 10%, it is **19, 20.526, 328.187**.

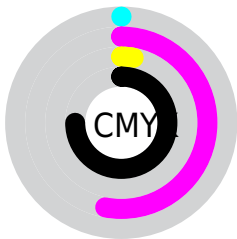
Distribution







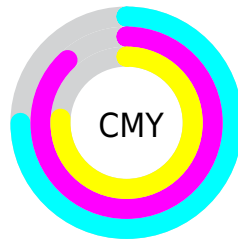
-  Red (25%)
-  Green (12%)
-  Blue (24%)






-  Red (25%)
-  Yellow (12%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (53%)
-  Yellow (3%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (88%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 25.046, 328.654 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, 25.046, 328.654 by changing the saturation by 10% instead.

■ 17, 25.046,
328.654

■ 17, 25.046,
328.654

■ 100, 25.046,
328.654

■ 7, 25.046, 328.654

■ 37, 25.046,
328.654

■ 0, 25.046, 328.654

■ 47, 25.046,
328.654


■ 57, 25.046,
328.654


■ 67, 25.046,
328.654


■ 77, 25.046,
328.654


■ 87, 25.046,


328.654


 97, 25.046,
328.654


 17, 25.046,
328.654


 17, 25.046,
328.654


 16, 29.215,
329.096


 19, 20.526,
328.187

 14, 32.889,
329.504


 20, 15.789,
327.701

 13, 35.917,
329.875

 22, 10.942,
327.205

 12, 38.550,
330.215

 24, 6.067, 326.701

 12, 40.664,
330.465

 26, 1.222, 326.132

 28, 3.551, 145.782

■ 30, 8.227, 145.295

■ 32, 12.791,
144.838

■ 34, 17.234,
144.402

Harmonies

Complementary

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



17, 25.046, 328.654



23, 25.149, 142.390

Rectangle

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



17, 25.046, 328.654



17, 25.046, 18.654



17, 25.046, 148.654



17, 25.046, 198.654

Sweetspot

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



17, 25.045, 328.654



31, 9.650, 326.912



13, 23.659, 297.983



14, 6.405, 326.942



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, 25.045, 328.654



21, 36.304, 329.232



16, 18.411, 351.523



10, 2.624, 326.486



20, 53.416, 330.619



52, 99.156, 330.824

Inverse Universe

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



17, 25.045, 328.654



21, 36.304, 329.232



24, 17.189, 161.637



10, 2.624, 326.486



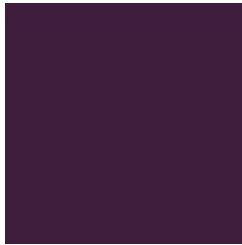
20, 53.416, 330.619



52, 99.156, 330.824

Previews

White Background



This preview shows how the CIE LCh color 17, 25.046, 328.654 looks on a white background.

Color Contrast Check

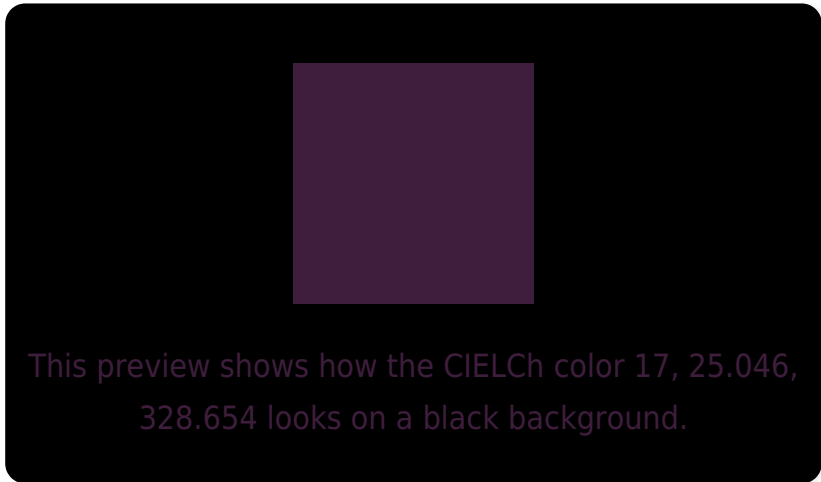
Large Text (above 18pt) WCAG AA ✓ Pass

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

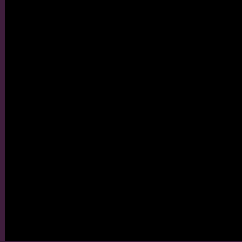
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 25.046, 328.654

Background



This preview shows how black text looks on a background with the CIELCh color 17, 25.046, 328.654.



This preview shows how white text looks on a background with the CIELCh color 17, 25.046, 328.654.

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, 25.046, 328.654

Protanopia

17, 20.248, 284.381

Deuteranopia

17, 11.905, 283.432



Tritanopia
17, 12.797, 13.610

Trichromacy



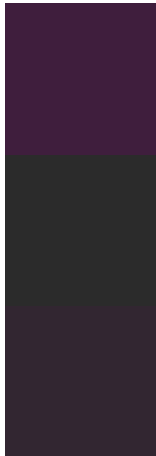
Original Color
17, 25.046, 328.654

Protanomaly
17, 20.324, 300.486

Deuteranomaly
17, 15.751, 306.099

Tritanomaly
17, 15.869, 349.760

Monochromacy



Original Color
17, 25.046, 328.654

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 9.476, 327.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 25.046, 328.654 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, 30, 61)` looks like.

```
.text, #text, p{  
    color:rgb(63, 30, 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, 30, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 30, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 25.046, 328.654 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, 30, 61) }
```

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

```
.border{ border-color:rgb(63, 30, 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, 30, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 30, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 30, 61);  
box-shadow:4px 4px 4px 4px rgb(63, 30, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 25.046, 328.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 30, 61) }
```

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

```
.background{ background-color: rgb(63, 30,  
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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