

Converting Colors

CIELCh(17, 27.126, 325.428)

Have a look what the booklet for
CIELCh(17, 27.126, 325.428)
contains.

CIELCh(17, 27.176, 325.226)	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, 27.176, 325.226)

Conversions

Conversions Part 1

Format	Color
Hex	3E1D40
RGB	62, 29, 64
RGB Percent	24%, 11%, 25%
CMY	0.7556, 0.8851, 0.7478
CMYK	0.03, 0.54, 0.00, 0.75
HSL	297°, 37%, 18%
HSV	297°, 54%, 25%
XYZ	3.3887, 2.3023, 5.1644
YIQ	42.8570, 8.4330, 17.8810

Conversions

Conversions Part 2

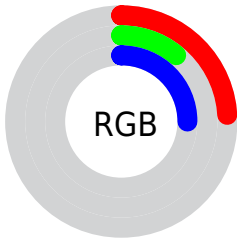
Format	Color
RYB	62, 29, 64
Decimal	4070720
CIELab	17.00, 22.32, -15.50
CIELCh	17, 27.176, 325.226
Yxy	2.3023, 0.3122, 0.2121
Android (android.graphics.Color)	4282260800 (0xFF3E1D40)
YUV	42.8570, 10.4235, 16.7884
Hunter-Lab	15.1734, 13.3110, -9.5583

Details

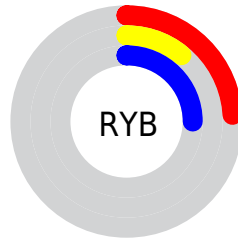
The CIELCh color **17, 27.176, 325.226** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 27.149, 139.432**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 27.471, 325.419**, and **1, 10.461, 307.167** is the 20% darker color. If you saturate the color by 10%, you get **16, 31.538, 325.555**, and if you desaturate by 10%, it is **19, 22.446, 324.846**.

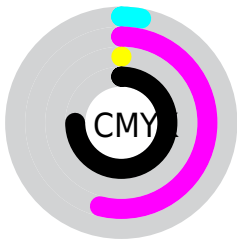
Distribution



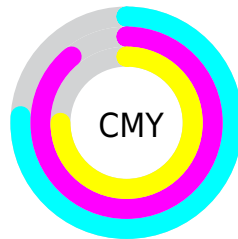
- Red (24%)
- Green (11%)
- Blue (25%)



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



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 27.176, 325.226 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, 27.176, 325.226 by changing the saturation by 10% instead.

 17, 27.176,
325.226


 17, 27.176,
325.226


 100, 27.176,
325.226


 7, 27.176, 325.226

 37, 27.176,
325.226

 0, 27.176, 325.226

 47, 27.176,
325.226


 57, 27.176,
325.226


 67, 27.176,
325.226

 77, 27.176,
325.226


 87, 27.176,

325.226


 97, 27.176,
325.226


 17, 27.176,
325.226


 17, 27.176,
325.226


 16, 31.538,
325.555


 19, 22.446,
324.846

 14, 35.380,
325.818


 20, 17.488,
324.431

 13, 38.542,
326.000

 22, 12.414,
323.992

 12, 41.450,
326.156

 24, 7.309, 323.540

 12, 43.188,
326.261

 26, 2.235, 323.059

 28, 2.767, 142.707

■ 30, 7.669, 142.253

■ 33, 12.455,
141.835

■ 35, 17.116,
141.438

Harmonies

Complementary

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



17, 27.176, 325.226



24, 27.149, 139.432

Rectangle

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



17, 27.176, 325.226



17, 27.176, 15.226



17, 27.176, 145.226



17, 27.176, 195.226

Sweetspot

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



17, 27.175, 325.226



32, 10.140, 323.644



14, 23.310, 294.491



15, 6.909, 323.679



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



17, 27.175, 325.226



21, 39.432, 325.654



17, 20.682, 344.774



12, 2.878, 323.267



20, 57.052, 326.136



51, 105.257, 325.976

Inverse Universe

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



16, 18.361, 20.515



20, 28.053, 23.339



24, 19.993, 155.445



12, 1.691, 15.146



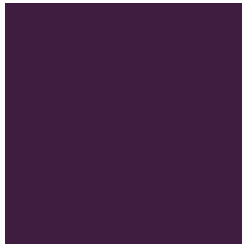
18, 47.192, 32.992



47, 92.679, 38.197

Previews

White Background



This preview shows how the CIELCh color 17, 27.176, 325.226 looks on a white background.

Color Contrast Check

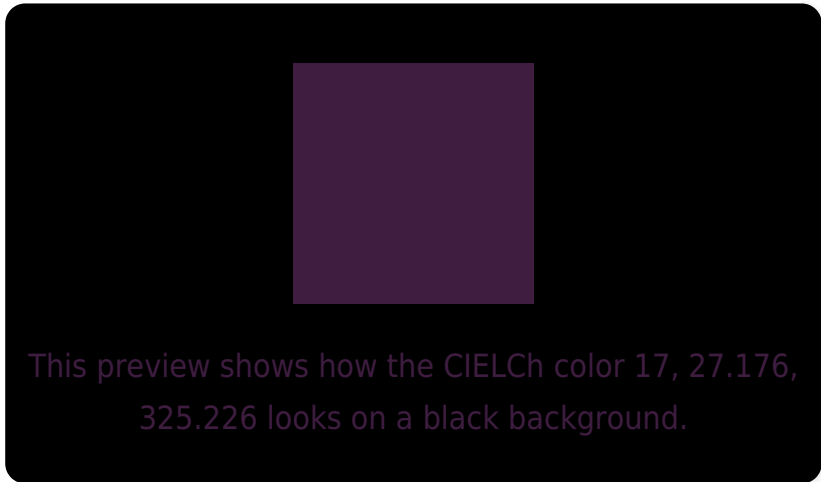
Large Text (above 18pt) WCAG AA ✓ Pass

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

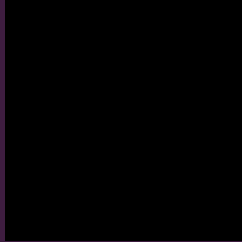
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 27.176, 325.226

Background



This preview shows how black text looks on a background with the CIELCh color 17, 27.176, 325.226.



This preview shows how white text looks on a background with the CIELCh color 17, 27.176, 325.226.

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, 27.176, 325.226

Protanopia

17, 23.067, 283.840

Deuteranopia

17, 14.037, 282.573



Tritanopia
17, 11.737, 12.426

Trichromacy



Original Color
17, 27.176, 325.226

Protanomaly
17, 23.753, 298.547

Deuteranomaly
17, 18.491, 304.591

Tritanomaly
17, 15.420, 345.118

Monochromacy



Original Color
17, 27.176, 325.226

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.597, 323.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 27.176, 325.226 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(62, 29, 64)` looks like.

```
.text, #text, p{  
    color:rgb(62, 29, 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(62, 29, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 29, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 27.176, 325.226 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(62, 29, 64) }
```

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

```
.border{ border-color:rgb(62, 29, 64) }
```

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

Here you see how a box with a 4 pixel rgb(62, 29, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 29, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 29, 64);  
box-shadow:4px 4px 4px 4px rgb(62, 29, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 27.176, 325.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 29, 64) }
```

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

```
.background{ background-color: rgb(62, 29,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor