

Converting Colors

CIELCh(17, 28.684, 320.935)

Have a look what the booklet for
CIELCh(17, 28.684, 320.935)
contains.

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Color

CIELCh(17, 28.416, 320.578)

Conversions

Conversions Part 1

Format	Color
Hex	3C1E44
RGB	60, 30, 68
RGB Percent	24%, 12%, 27%
CMY	0.7649, 0.8825, 0.7335
CMYK	0.12, 0.56, 0.00, 0.73
HSL	287°, 39%, 19%
HSV	287°, 56%, 27%
XYZ	3.3658, 2.3023, 5.7284
YIQ	43.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

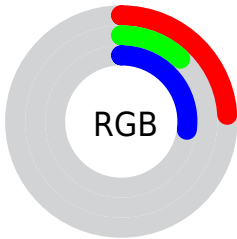
Format	Color
RYB	60, 30, 68
Decimal	3939908
CIELab	17.00, 21.95, -18.04
CIElCh	17, 28.416, 320.578
Yxy	2.3023, 0.2953, 0.2020
Android (android.graphics.Color)	4282129988 (0xFF3C1E44)
YUV	43.3020, 12.1761, 14.6441
Hunter-Lab	15.1734, 13.0417, -11.7624

Details

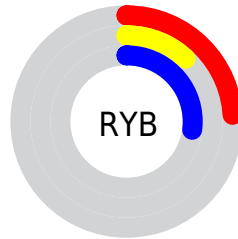
The CIELCh color **17, 28.416, 320.578** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 27.829, 135.664**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 28.438, 321.191**, and **1, 13.188, 301.084** is the 20% darker color. If you saturate the color by 10%, you get **15, 33.023, 320.836**, and if you desaturate by 10%, it is **19, 23.494, 320.254**.

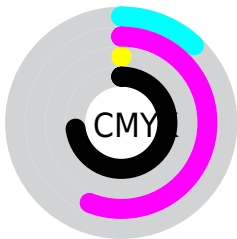
Distribution



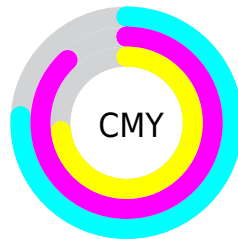
- Red (24%)
- Green (12%)
- Blue (27%)



- Red (24%)
- Yellow (12%)
- Blue (27%)



- Cyan (12%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (76%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 28.416, 320.578 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, 28.416, 320.578 by changing the saturation by 10% instead.

■ 17, 28.416,
320.578

■ 17, 28.416,
320.578

■ 100, 28.416,
320.578

■ 7, 28.416, 320.578

■ 37, 28.416,
320.578

■ 0, 28.416, 320.578

■ 47, 28.416,
320.578


■ 57, 28.416,
320.578


■ 67, 28.416,
320.578

■ 77, 28.416,
320.578


■ 87, 28.416,


320.578


 97, 28.416,
320.578


 17, 28.416,
320.578


 17, 28.416,
320.578


 15, 33.023,
320.836


 19, 23.494,
320.254

 14, 37.146,
320.997


 21, 18.400,
319.888

 12, 40.596,
321.030

 23, 13.237,
319.500

 11, 43.936,
321.076

 25, 8.081, 319.101

 10, 45.436,
321.136

 27, 2.980, 318.690

 30, 2.031, 138.390

■ 32, 6.934, 137.994

■ 34, 11.718,
137.646

■ 37, 16.379,
137.322

Harmonies

Complementary

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



17, 28.416, 320.578



26, 27.829, 135.664

Rectangle

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



17, 28.416, 320.578



17, 28.416, 10.578



17, 28.416, 140.578



17, 28.416, 190.578

Sweetspot

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



17, 28.415, 320.578



33, 10.839, 319.173



16, 20.910, 287.718



16, 7.316, 319.204



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, 28.415, 320.578



21, 41.759, 320.912



18, 24.351, 337.367



12, 2.751, 318.799



18, 57.955, 320.779



45, 107.136, 320.244

Inverse Universe

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



17, 19.533, 9.277



21, 29.378, 12.413



25, 24.207, 149.012



12, 1.756, 3.059



18, 44.127, 24.781



47, 84.342, 29.408

Previews

White Background



This preview shows how the CIELCh color 17, 28.416, 320.578 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



This preview shows how the CIE LCh color 17, 28.416, 320.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

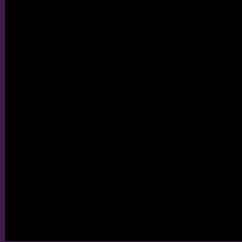
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 28.416, 320.578

Background



This preview shows how black text looks on a background with the CIELCh color 17, 28.416, 320.578.



This preview shows how white text looks on a background with the CIELCh color 17, 28.416, 320.578.

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, 28.416, 320.578

Protanopia

17, 26.539, 285.225

Deuteranopia

17, 16.937, 280.825



Tritanopia
17, 9.690, 9.634

Trichromacy



Original Color
17, 28.416, 320.578

Protanomaly
17, 26.462, 295.889

Deuteranomaly
17, 20.298, 299.412

Tritanomaly
17, 15.241, 337.015

Monochromacy



Original Color
17, 28.416, 320.578

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 10.977, 319.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 28.416, 320.578 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(60, 30, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 30, 68)  
}
```

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(60, 30, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 30, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 28.416, 320.578 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(60, 30, 68) }
```

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

```
.border{ border-color:rgb(60, 30, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 30, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 30, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 30, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 30, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 28.416, 320.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 30, 68) }
```

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

```
.background{ background-color: rgb(60, 30,  
68) }
```

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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