

Converting Colors

CIELCh(17, 18.166, 325.785)

Have a look what the booklet for
CIELCh(17, 18.166, 325.785)
contains.

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Color

CIELCh(17, 18.542, 325.036)

Conversions

Conversions Part 1

Format	Color
Hex	382239
RGB	56, 34, 57
RGB Percent	22%, 13%, 22%
CMY	0.7795, 0.8658, 0.7755
CMYK	0.02, 0.40, 0.00, 0.78
HSL	297°, 25%, 18%
HSV	297°, 40%, 22%
XYZ	2.9672, 2.3023, 4.1900
YIQ	43.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

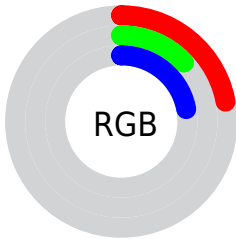
Format	Color
R_{YB}	56, 34, 57
Decimal	3678777
CIE _{Lab}	17.00, 15.20, -10.63
CIE _{LCh}	17, 18.542, 325.036
Yxy	2.3023, 0.3137, 0.2434
Android (android.graphics.Color)	4281868857 (0xFF382239)
YUV	43.2000, 6.8034, 11.2256
Hunter-Lab	15.1734, 8.3526, -5.7509

Details

The CIELCh color **17, 18.542, 325.036** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 18.504, 140.945**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 18.280, 324.537**, and **0, 5.347, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **15, 22.956, 325.435**, and if you desaturate by 10%, it is **19, 13.971, 324.610**.

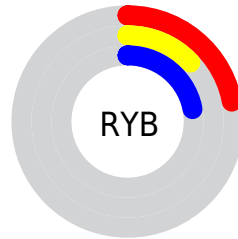
Distribution



Red (22%)

Green (13%)

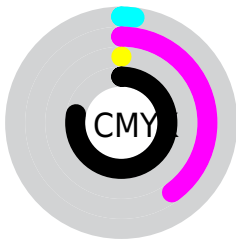
Blue (22%)



Red (22%)

Yellow (13%)

Blue (22%)

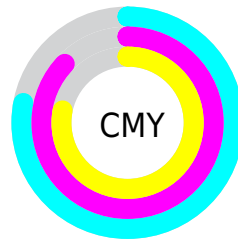


Cyan (2%)

Magenta (40%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 18.542, 325.036 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, 18.542, 325.036 by changing the saturation by 10% instead.

■ 17, 18.542,
325.036

■ 17, 18.542,
325.036

■ 100, 18.542,
325.036

■ 7, 18.542, 325.036

■ 37, 18.542,
325.036

■ 0, 18.542, 325.036

■ 47, 18.542,
325.036


■ 57, 18.542,
325.036


■ 67, 18.542,
325.036


■ 77, 18.542,
325.036


■ 87, 18.542,


325.036


 97, 18.542,
325.036

 17, 18.542,
325.036


 17, 18.542,
325.036

 15, 22.956,
325.435


 19, 13.971,
324.610

 14, 27.107,
325.794


 20, 9.334, 324.167

 13, 30.865,
326.100

 22, 4.693, 323.712

 12, 34.093,
326.339

 24, 0.097, 322.232

 11, 36.952,
326.535

 28, 8.849, 142.447

■ 10, 40.002,
326.760

■ 30, 13.167,
142.037

■ 32, 17.373,
141.648

■ 34, 21.463,
141.279

Harmonies

Complementary

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



17, 18.542, 325.036



22, 18.504, 140.945

Rectangle

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



17, 18.542, 325.036



17, 18.542, 15.036



17, 18.542, 145.036



17, 18.542, 195.036

Sweetspot

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



17, 18.541, 325.036



29, 6.845, 323.821



15, 15.483, 292.652



13, 4.584, 323.830



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



17, 18.541, 325.036



21, 27.186, 325.436



17, 13.861, 344.147



9, 2.502, 323.622



19, 54.896, 326.643



50, 103.356, 326.512

Inverse Universe

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



16, 11.874, 19.217



20, 18.022, 20.623



22, 13.428, 157.865



9, 1.460, 16.213



17, 45.286, 32.739



46, 91.563, 38.595

Previews

White Background



This preview shows how the CIELCh color 17, 18.542, 325.036 looks on a white background.

Color Contrast Check

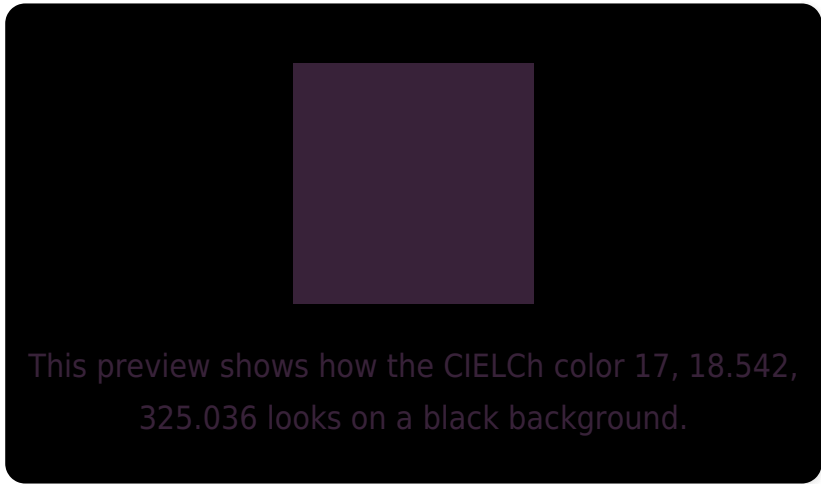
Large Text (above 18pt) WCAG AA ✓ Pass

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

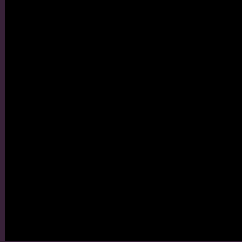
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 18.542, 325.036

Background



This preview shows how black text looks on a background with the CIELCh color 17, 18.542, 325.036.



This preview shows how white text looks on a background with the CIELCh color 17, 18.542, 325.036.

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, 18.542, 325.036

Protanopia

17, 14.709, 283.346

Deuteranopia

17, 9.767, 285.258



Tritanopia
17, 8.175, 6.852

Trichromacy



Original Color
17, 18.542, 325.036

Protanomaly
17, 15.459, 300.010

Deuteranomaly
17, 12.181, 305.330

Tritanomaly
17, 10.946, 343.162

Monochromacy



Original Color
17, 18.542, 325.036

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 6.716, 325.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 18.542, 325.036 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(56, 34, 57)` looks like.

```
.text, #text, p{  
    color:rgb(56, 34, 57)  
}
```

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(56, 34, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 34, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 18.542, 325.036 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(56, 34, 57) }
```

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

```
.border{ border-color:rgb(56, 34, 57) }
```

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

Here you see how a box with a 4 pixel rgb(56, 34, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 34, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 34, 57);  
box-shadow:4px 4px 4px 4px rgb(56, 34, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 18.542, 325.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 34, 57) }
```

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

```
.background{ background-color: rgb(56, 34,  
57) }
```

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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