

Converting Colors

CIELCh(17, 43.169, 340.152)

Have a look what the booklet for
CIELCh(17, 43.169, 340.152)
contains.

CIELCh(17, 43.238, 339.984)	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, 43.238, 339.984)

Conversions

Conversions Part 1

Format	Color
Hex	550140
RGB	85, 1, 64
RGB Percent	33%, 0%, 25%
CMY	0.6677, 0.9972, 0.7499
CMYK	0.00, 0.99, 0.25, 0.67
HSL	315°, 98%, 17%
HSV	315°, 99%, 33%
XYZ	4.6499, 2.3023, 5.0160
YIQ	33.2980, 29.8410, 37.4010

Conversions

Conversions Part 2

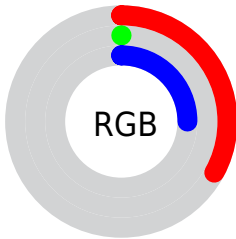
Format	Color
R_{YB}	85, 1, 64
Decimal	5570880
CIE _{Lab}	17.00, 40.63, -14.80
CIE _{LCh}	17, 43.238, 339.984
Yxy	2.3023, 0.3885, 0.1924
Android (android.graphics.Color)	4283760960 (0xFF550140)
YUV	33.2980, 15.1361, 45.3427
Hunter-Lab	15.1734, 28.1473, -8.9786

Details

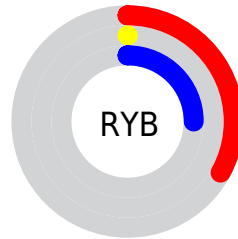
The CIELCh color **17, 43.238, 339.984** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31, 47.065, 141.463**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 43.389, 340.017**, and **4, 19.685, 349.056** is the 20% darker color. If you saturate the color by 10%, you get **17, 43.420, 340.065**, and if you desaturate by 10%, it is **18, 41.182, 338.979**.

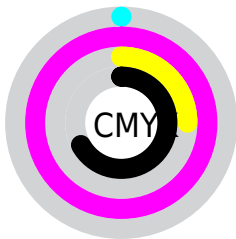
Distribution



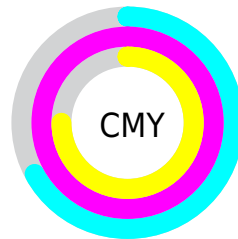
- Red (33%)
- Green (0%)
- Blue (25%)



- Red (33%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (25%)
- Black (67%)





- Cyan (67%)
- Magenta (100%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 43.238, 339.984 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, 43.238, 339.984 by changing the saturation by 10% instead.

 17, 43.238,
339.984


 17, 43.238,
339.984

 100, 43.238,
339.984

 7, 43.238, 339.984

 37, 43.238,
339.984

 0, 43.238, 339.984

 47, 43.238,
339.984


 57, 43.238,
339.984

 67, 43.238,
339.984


 77, 43.238,
339.984


 87, 43.238,


339.984


 97, 43.238,
339.984


 17, 43.238,
339.984


 17, 43.238,
339.984


 17, 43.420,
340.065

 18, 41.182,
338.979

 19, 38.824,
337.976

 20, 35.469,
337.083

 22, 31.295,
336.269

 24, 26.520,
335.512

■ 26, 21.348,
334.798

■ 29, 15.951,
334.118

■ 31, 10.461,
333.467

■ 34, 4.973, 332.831

Harmonies

Complementary

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



17, 43.238, 339.984



31, 47.065, 141.463

Rectangle

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



17, 43.238, 339.984



17, 43.238, 29.984



17, 43.238, 159.984



17, 43.238, 209.984

Sweetspot

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



17, 43.236, 339.984



37, 20.296, 334.241



7, 57.734, 308.064



17, 13.950, 334.414



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



17, 43.236, 339.984



23, 51.693, 340.566



15, 38.651, 18.732



16, 3.096, 332.808



23, 50.862, 340.524



53, 89.406, 341.586

Inverse Universe

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



17, 43.236, 339.984



23, 51.693, 340.566



31, 29.436, 166.543



16, 3.096, 332.808



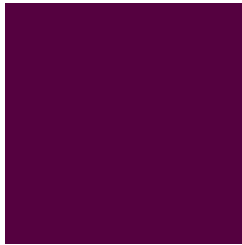
23, 50.862, 340.524



53, 89.406, 341.586

Previews

White Background



This preview shows how the CIELCh color 17, 43.238, 339.984 looks on a white background.

Color Contrast Check

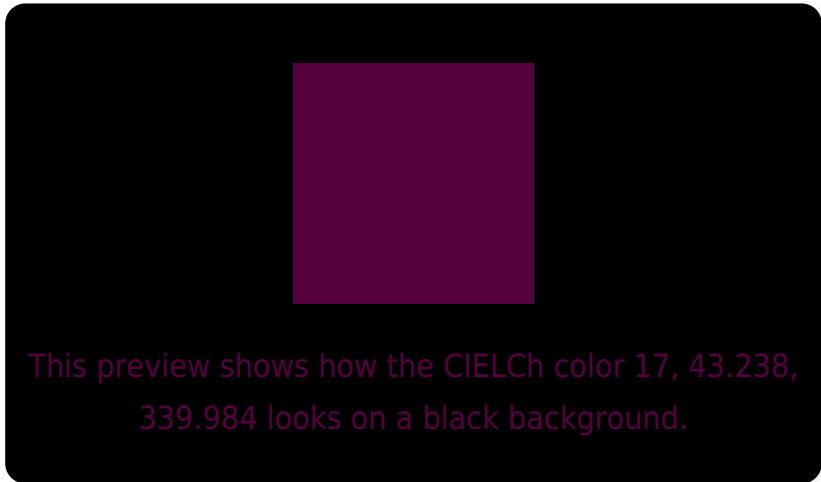
Large Text (above 18pt) WCAG AA ✓ Pass

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

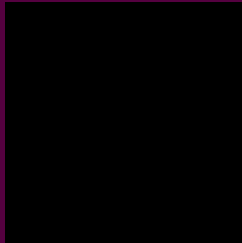
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 43.238, 339.984

Background



This preview shows how black text looks on a background with the CIELCh color 17, 43.238, 339.984.



This preview shows how white text looks on a background with the CIELCh color 17, 43.238, 339.984.

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, 43.238, 339.984

Protanopia

19, 32.397, 285.791

Deuteranopia

19, 10.315, 288.047



Tritanopia
18, 30.009, 27.224

Trichromacy



Original Color
17, 43.238, 339.984

Protanomaly
15, 37.186, 305.548

Deuteranomaly
16, 24.964, 324.023

Tritanomaly
17, 32.485, 4.490

Monochromacy



Original Color
17, 43.238, 339.984

Achromatopsia
13, 0.003, 296.813

Achromatomaly
12, 21.066, 336.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 43.238, 339.984 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(85, 1, 64)` looks like.

```
.text, #text, p{  
    color:rgb(85, 1, 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(85, 1, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 1, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 43.238, 339.984 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(85, 1, 64) }
```

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

```
.border{ border-color:rgb(85, 1, 64) }
```

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

Here you see how a box with a 4 pixel rgb(85, 1, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 1, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 1, 64); box-shadow:4px  
4px 4px 4px rgb(85, 1, 64) }
```

Background

The CSS property to change the background color of an element to CIELCh 17, 43.238, 339.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 1, 64) }
```

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

```
.background{ background-color: rgb(85, 1,  
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](#).

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