

Converting Colors

CIELCh(15, 18.326, 348.923)

Have a look what the booklet for
CIELCh(15, 18.326, 348.923)
contains.

CIELCh(15, 18.490, 348.541)	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(15, 18.490, 348.541)

Conversions

Conversions Part 1

Format	Color
Hex	3B1B2B
RGB	59, 27, 43
RGB Percent	23%, 11%, 17%
CMY	0.7676, 0.8932, 0.8304
CMYK	0.00, 0.54, 0.27, 0.77
HSL	330°, 37%, 17%
HSV	330°, 54%, 23%
XYZ	2.6567, 1.9086, 2.5367
YIQ	38.3920, 13.9360, 11.7600

Conversions

Conversions Part 2

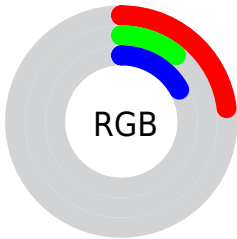
Format	Color
R_{YB}	59, 27, 43
Decimal	3873579
CIE _{Lab}	15.00, 18.12, -3.67
CIE _{LCh}	15, 18.490, 348.541
Y _{xy}	1.9086, 0.3741, 0.2687
Android (android.graphics.Color)	4282063659 (0xFF3B1B2B)
YUV	38.3920, 2.2717, 18.0732
Hunter-Lab	13.8151, 10.1500, -1.2161

Details

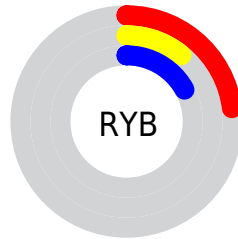
The CIELCh color **15, 18.490, 348.541** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22, 17.545, 158.864**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 17.943, 349.055**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 21.598, 349.867**, and if you desaturate by 10%, it is **17, 15.158, 347.397**.

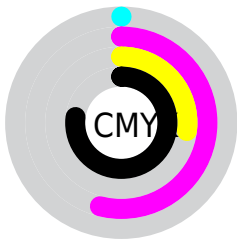
Distribution



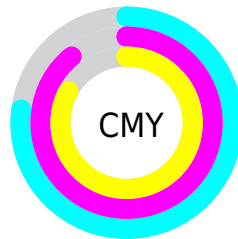
- Red (23%)
- Green (11%)
- Blue (17%)



- Red (23%)
- Yellow (11%)
- Blue (17%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (77%)



- Cyan (77%)
- Magenta (89%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 18.490, 348.541 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 15, 18.490, 348.541 by changing the saturation by 10% instead.

■ 15, 18.490,
348.541

■ 15, 18.490,
348.541

■ 100, 18.490,
348.541

■ 5, 18.490, 348.541

■ 35, 18.490,
348.541

■ 0, 18.490, 348.541

■ 45, 18.490,
348.541


■ 55, 18.490,
348.541


■ 65, 18.490,
348.541


■ 75, 18.490,
348.541


■ 85, 18.490,


348.541


 95, 18.490,
348.541


 15, 18.490,
348.541


 15, 18.490,
348.541

 13, 21.598,
349.867


 17, 15.158,
347.397

 12, 24.359,
351.430

 18, 11.710,
346.388

 11, 26.641,
353.307

 20, 8.226, 345.484

 10, 28.908,
355.110

 22, 4.762, 344.657

 24, 1.356, 343.825

 9, 30.447, 356.004

 26, 1.970, 163.358

■ 28, 5.204, 162.673

■ 30, 8.341, 162.073

■ 32, 11.379,
161.520

Harmonies

Complementary

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



15, 18.490, 348.541



22, 17.545, 158.864

Rectangle

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



15, 18.490, 348.541



15, 18.490, 38.541



15, 18.490, 168.541



15, 18.490, 218.541

Sweetspot

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



15, 18.489, 348.542



29, 6.736, 344.874



13, 23.678, 311.428



13, 4.465, 344.912



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



15, 18.489, 348.542



18, 26.907, 350.444



14, 17.233, 24.458



10, 1.924, 344.214



18, 41.216, 359.053



48, 76.214, 2.600

Inverse Universe

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



15, 18.489, 348.542



18, 26.907, 350.444



23, 12.302, 197.280



10, 1.924, 344.214



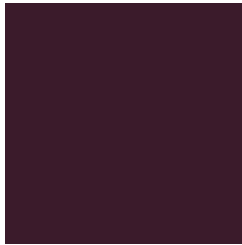
18, 41.216, 359.053



48, 76.214, 2.600

Previews

White Background



This preview shows how the CIELCh color 15, 18.490, 348.541 looks on a white background.

Color Contrast Check

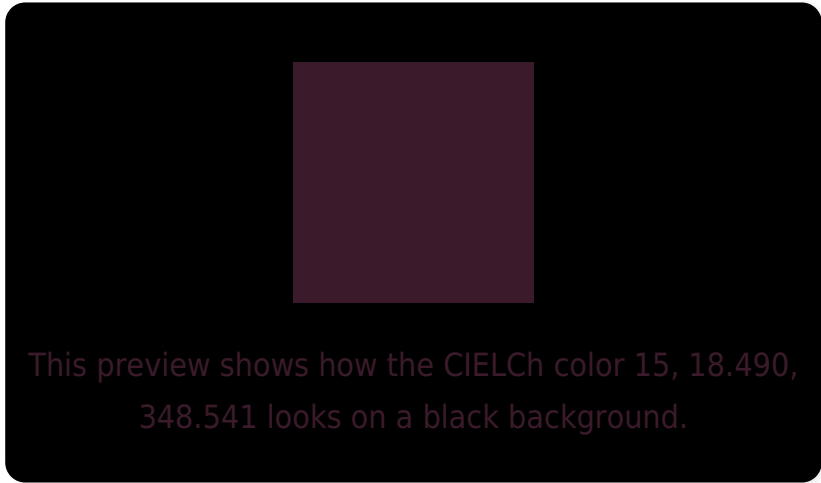
Large Text (above 18pt) WCAG AA ✓ Pass

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

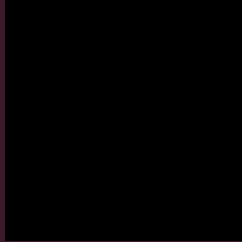
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 18.490, 348.541

Background



This preview shows how black text looks on a background with the CIELCh color 15, 18.490, 348.541.



This preview shows how white text looks on a background with the CIELCh color 15, 18.490, 348.541.

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

15, 18.490, 348.541

Protanopia

15, 8.521, 283.793

Deuteranopia

15, 4.028, 319.213



Tritanopia
15, 14.661, 18.234

Trichromacy



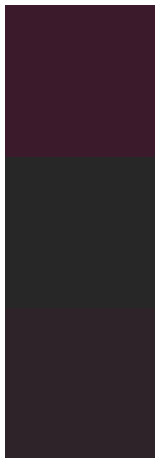
Original Color
15, 18.490, 348.541

Protanomaly
15, 10.937, 317.209

Deuteranomaly
15, 9.588, 340.705

Tritanomaly
15, 15.273, 5.637

Monochromacy



Original Color
15, 18.490, 348.541

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 6.804, 342.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 18.490, 348.541 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(59, 27, 43)` looks like.

```
.text, #text, p{  
    color:rgb(59, 27, 43)  
}
```

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(59, 27, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 27, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 18.490, 348.541 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(59, 27, 43) }
```

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

```
.border{ border-color:rgb(59, 27, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 27, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 27, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 27, 43);  
box-shadow:4px 4px 4px 4px rgb(59, 27, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 18.490, 348.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 27, 43) }
```

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

```
.background{ background-color: rgb(59, 27,  
43) }
```

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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