

Converting Colors

CIELCh(15, 21.303, 349.473)

Have a look what the booklet for
CIELCh(15, 21.303, 349.473)
contains.

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Color

CIELCh(15, 21.195, 348.476)

Conversions

Conversions Part 1

Format	Color
Hex	3E192C
RGB	62, 25, 44
RGB Percent	24%, 10%, 17%
CMY	0.7565, 0.9016, 0.8271
CMYK	0.00, 0.60, 0.29, 0.76
HSL	329°, 42%, 17%
HSV	329°, 60%, 24%
XYZ	2.7982, 1.9086, 2.6122
YIQ	38.2290, 15.9530, 13.7530

Conversions

Conversions Part 2

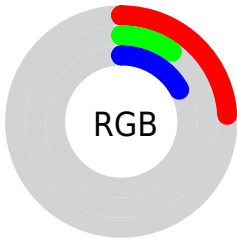
Format	Color
R_{YB}	62, 25, 44
Decimal	4069676
CIE Lab	15.00, 20.77, -4.23
CIE LCh	15, 21.195, 348.476
Yxy	1.9086, 0.3823, 0.2608
Android (android.graphics.Color)	4282259756 (0xFF3E192C)
YUV	38.2290, 2.8451, 20.8472
Hunter-Lab	13.8151, 11.9774, -1.5400

Details

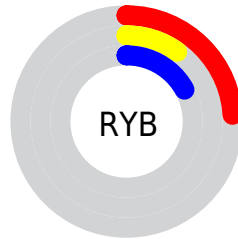
The CIELCh color **15, 21.195, 348.476** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23, 20.160, 157.437**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 20.979, 349.183**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 24.230, 349.908**, and if you desaturate by 10%, it is **17, 17.840, 347.252**.

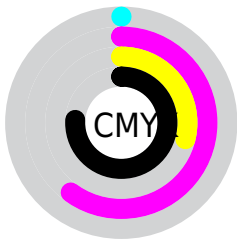
Distribution



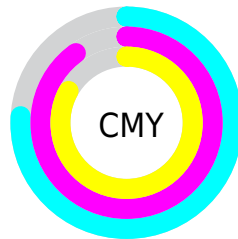
- Red (24%)
- Green (10%)
- Blue (17%)



- Red (24%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (76%)





- Cyan (76%)
- Magenta (90%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 21.195, 348.476 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, 21.195, 348.476 by changing the saturation by 10% instead.

 15, 21.195,
348.476


 15, 21.195,
348.476

 100, 21.195,
348.476


 5, 21.195, 348.476


 35, 21.195,
348.476

 0, 21.195, 348.476

 45, 21.195,
348.476


 55, 21.195,
348.476


 65, 21.195,
348.476


 75, 21.195,
348.476

 85, 21.195,


348.476


 95, 21.195,
348.476


 15, 21.195,
348.476


 15, 21.195,
348.476


 14, 24.230,
349.908


 17, 17.840,
347.252

 12, 26.805,
351.614


 18, 14.295,
346.183

 11, 28.950,
353.556

 20, 10.661,
345.233

 10, 31.373,
355.212

 22, 7.013, 344.373

 10, 31.479,
355.271

 24, 3.402, 343.572

 26, 0.138, 164.181

■ 28, 3.589, 162.305

■ 31, 6.941, 161.671

■ 33, 10.190,
161.095

Harmonies

Complementary

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



15, 21.195, 348.476



23, 20.160, 157.437

Rectangle

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



15, 21.195, 348.476



15, 21.195, 38.476



15, 21.195, 168.476



15, 21.195, 218.476

Sweetspot

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



15, 21.194, 348.477



30, 8.083, 344.310



13, 27.176, 311.194



13, 5.526, 344.412



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



15, 21.194, 348.477



19, 30.928, 350.845



14, 19.944, 24.345



10, 1.942, 343.477



18, 41.362, 357.868



48, 76.384, 1.283

Inverse Universe

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



15, 21.194, 348.477



19, 30.928, 350.845



24, 13.798, 195.367



10, 1.942, 343.477



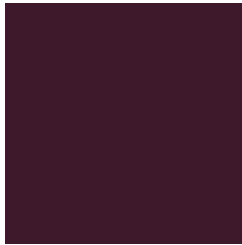
18, 41.362, 357.868



48, 76.384, 1.283

Previews

White Background



This preview shows how the CIELCh color 15, 21.195, 348.476 looks on a white background.

Color Contrast Check

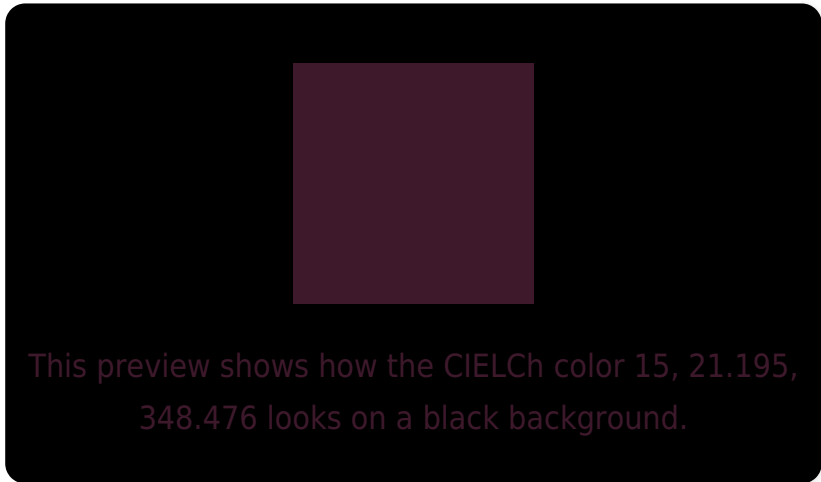
Large Text (above 18pt) WCAG AA ✓ Pass

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

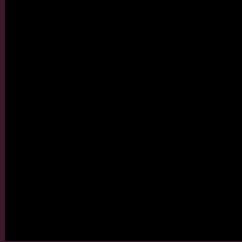
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 21.195, 348.476

Background



This preview shows how black text looks on a background with the CIELCh color 15, 21.195, 348.476.



This preview shows how white text looks on a background with the CIELCh color 15, 21.195, 348.476.

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, 21.195, 348.476

Protanopia

15, 10.645, 284.079

Deuteranopia

16, 3.172, 317.597



Tritanopia
15, 17.409, 20.086

Trichromacy



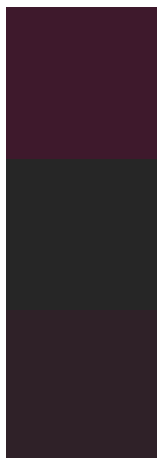
Original Color
15, 21.195, 348.476

Protanomaly
15, 13.047, 315.252

Deuteranomaly
15, 10.369, 339.609

Tritanomaly
15, 17.817, 7.166

Monochromacy



Original Color
15, 21.195, 348.476

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 8.412, 345.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 21.195, 348.476 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, 25, 44)` looks like.

```
.text, #text, p{  
    color:rgb(62, 25, 44)  
}
```

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, 25, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 25, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 21.195, 348.476 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, 25, 44) }
```

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

```
.border{ border-color:rgb(62, 25, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 25, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 25, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 25, 44);  
box-shadow:4px 4px 4px 4px rgb(62, 25, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 21.195, 348.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 25, 44) }
```

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

```
.background{ background-color: rgb(62, 25,  
44) }
```

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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