

Converting Colors

CIELCh(15, 25.653, 349.265)

Have a look what the booklet for
CIELCh(15, 25.653, 349.265)
contains.

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Color

CIELCh(15, 25.575, 349.370)

Conversions

Conversions Part 1

Format	Color
Hex	43152D
RGB	67, 21, 45
RGB Percent	26%, 8%, 18%
CMY	0.7378, 0.9181, 0.8240
CMYK	0.00, 0.69, 0.33, 0.74
HSL	329°, 52%, 17%
HSV	329°, 69%, 26%
XYZ	3.0425, 1.9086, 2.6784
YIQ	37.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

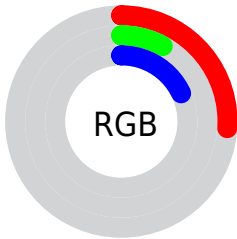
Format	Color
R_{YB}	67, 21, 45
Decimal	4396333
CIE _{Lab}	15.00, 25.14, -4.72
CIE _{LCh}	15, 25.575, 349.370
Yxy	1.9086, 0.3988, 0.2502
Android (android.graphics.Color)	4282586413 (0xFF43152D)
YUV	37.4900, 3.7024, 25.8803
Hunter-Lab	13.8151, 15.1339, -1.8242




Details

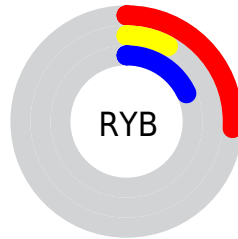
The CIELCh color **15, 25.575, 349.370** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **25, 24.446, 155.675**, and the grayscale version is **15, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 25.552, 348.921**, and **1, 2.773, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **14, 28.305, 351.067**, and if you desaturate by 10%, it is **17, 22.340, 347.948**.

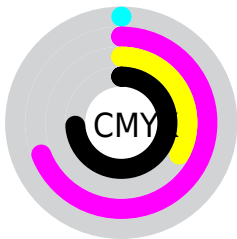
Distribution







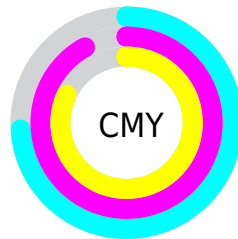
-  Red (26%)
-  Green (8%)
-  Blue (18%)






-  Red (26%)
-  Yellow (8%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (33%)
-  Black (74%)





-  Cyan (74%)
-  Magenta (92%)
-  Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 25.575, 349.370 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, 25.575, 349.370 by changing the saturation by 10% instead.

 15, 25.575,
349.370


 15, 25.575,
349.370


 100, 25.575,
349.370


 5, 25.575, 349.370


 35, 25.575,
349.370

 0, 25.575, 349.370

 45, 25.575,
349.370


 55, 25.575,
349.370


 65, 25.575,
349.370


 75, 25.575,
349.370

 85, 25.575,

349.370


 95, 25.575,
349.370


 15, 25.575,
349.370


 15, 25.575,
349.370


 14, 28.305,
351.067


 17, 22.340,
347.948


 13, 30.461,
353.074

 18, 18.759,
346.731

 11, 32.765,
354.897

 20, 14.971,
345.667

 11, 33.071,
355.097

 22, 11.087,
344.720

 24, 7.187, 343.862

■ 26, 3.329, 343.060

■ 29, 0.453, 162.808

■ 31, 4.138, 161.793

■ 33, 7.716, 161.162

Harmonies

Complementary

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



15, 25.575, 349.370



25, 24.446, 155.675

Rectangle

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



15, 25.575, 349.370



15, 25.575, 39.370



15, 25.575, 169.370



15, 25.575, 219.370

Sweetspot

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



15, 25.574, 349.371



31, 9.997, 344.119



12, 33.332, 311.152



14, 6.664, 344.202



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 25.574, 349.371



18, 35.708, 352.605



14, 24.784, 25.361



12, 2.093, 343.037



19, 42.222, 357.271



49, 77.170, 0.493

Inverse Universe

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



15, 25.574, 349.371



18, 35.708, 352.605



25, 16.211, 193.206



12, 2.093, 343.037



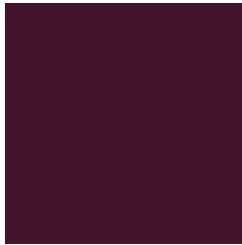
19, 42.222, 357.271



49, 77.170, 0.493

Previews

White Background



This preview shows how the CIELCh color 15, 25.575, 349.370 looks on a white background.

Color Contrast Check

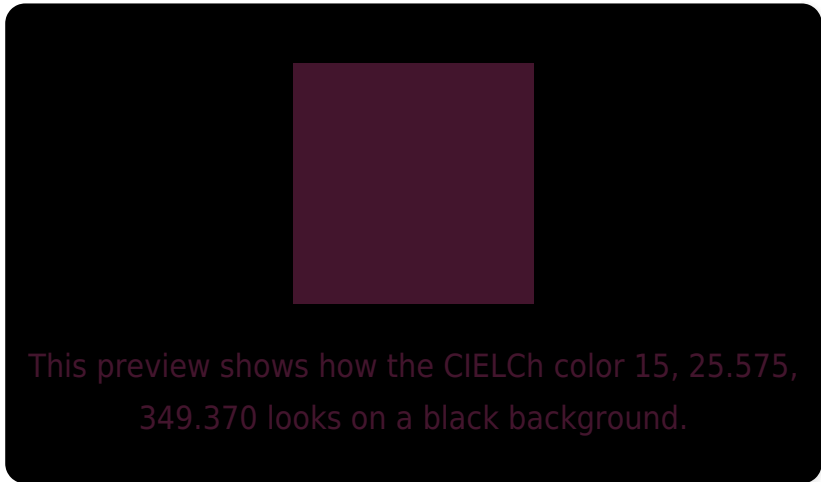
Large Text (above 18pt) WCAG AA ✓ Pass

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

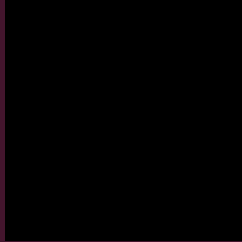
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 25.575, 349.370

Background



This preview shows how black text looks on a background with the CIELCh color 15, 25.575, 349.370.



This preview shows how white text looks on a background with the CIELCh color 15, 25.575, 349.370.

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, 25.575, 349.370

Protanopia

16, 13.446, 285.290

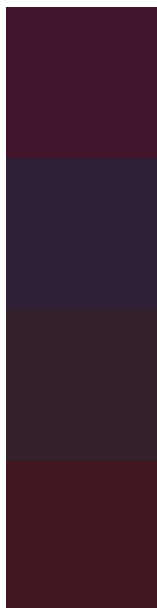
Deuteranopia

16, 3.172, 317.597



Tritanopia
15, 21.784, 22.684

Trichromacy



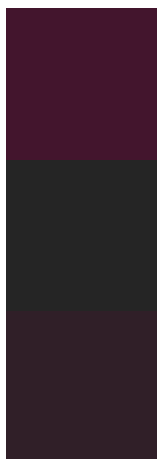
Original Color
15, 25.575, 349.370

Protanomaly
15, 15.942, 314.581

Deuteranomaly
15, 11.524, 340.545

Tritanomaly
15, 22.285, 7.695

Monochromacy



Original Color
15, 25.575, 349.370

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 10.392, 344.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 25.575, 349.370 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(67, 21, 45)` looks like.

```
.text, #text, p{  
    color:rgb(67, 21, 45)  
}
```

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(67, 21, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 21, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 25.575, 349.370 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(67, 21, 45) }
```

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

```
.border{ border-color:rgb(67, 21, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 21, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 21, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 21, 45);  
box-shadow:4px 4px 4px 4px rgb(67, 21, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 25.575, 349.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 21, 45) }
```

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

```
.background{ background-color: rgb(67, 21,  
45) }
```

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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