

Converting Colors

CIELCh(15, 32.273, 330.799)

Have a look what the booklet for
CIELCh(15, 32.273, 330.799)
contains.

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Color

CIELCh(15, 32.127, 331.149)

Conversions

Conversions Part 1

Format	Color
Hex	41133C
RGB	65, 19, 60
RGB Percent	25%, 7%, 24%
CMY	0.7455, 0.9258, 0.7651
CMYK	0.00, 0.71, 0.08, 0.75
HSL	307°, 55%, 16%
HSV	307°, 71%, 25%
XYZ	3.2184, 1.9086, 4.4615
YIQ	37.4280, 14.2550, 22.5030

Conversions

Conversions Part 2

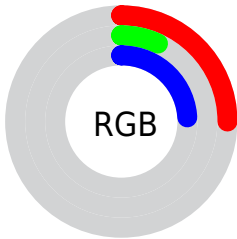
Format	Color
R_{YB}	65, 19, 60
Decimal	4264764
CIE _{Lab}	15.00, 28.14, -15.50
CIE _{LCh}	15, 32.127, 331.149
Yxy	1.9086, 0.3357, 0.1990
Android (android.graphics.Color)	4282454844 (0xFF41133C)
YUV	37.4280, 11.1280, 24.1806
Hunter-Lab	13.8151, 17.4073, -9.4768

Details

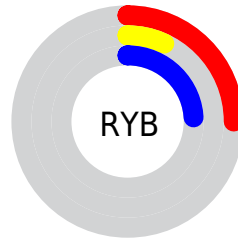
The CIELCh color **15, 32.127, 331.149** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 32.697, 141.711**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 32.667, 331.036**, and **1, 7.456, 312.006** is the 20% darker color. If you saturate the color by 10%, you get **14, 35.212, 331.622**, and if you desaturate by 10%, it is **16, 28.400, 330.660**.

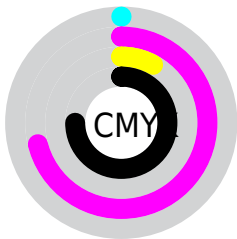
Distribution



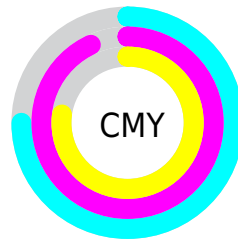
- Red (25%)
- Green (7%)
- Blue (24%)



- Red (25%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (75%)





- Cyan (75%)
- Magenta (93%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 32.127, 331.149 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, 32.127, 331.149 by changing the saturation by 10% instead.

 15, 32.127,
331.149


 15, 32.127,
331.149


 100, 32.127,
331.149


 5, 32.127, 331.149


 35, 32.127,
331.149

 0, 32.127, 331.149

 45, 32.127,
331.149


 55, 32.127,
331.149


 65, 32.127,
331.149


 75, 32.127,
331.149


 85, 32.127,


331.149


 95, 32.127,
331.149


 15, 32.127,
331.149


 15, 32.127,
331.149


 14, 35.212,
331.622


 16, 28.400,
330.660


 13, 37.734,
332.077

 18, 24.190,
330.155

 12, 40.186,
332.468

 20, 19.649,
329.639

 21, 14.909,
329.116

 23, 10.075,
328.590

■ 25, 5.226, 328.062

■ 27, 0.417, 327.273

■ 29, 4.314, 147.115

■ 32, 8.944, 146.622

Harmonies

Complementary

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



15, 32.127, 331.149



24, 32.697, 141.711

Rectangle

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



15, 32.127, 331.149



15, 32.127, 21.149



15, 32.127, 151.149



15, 32.127, 201.149

Sweetspot

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



15, 32.126, 331.149



31, 12.588, 328.644



9, 33.720, 302.056



14, 8.597, 328.701



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, 32.126, 331.149



19, 44.142, 331.978



14, 24.362, 358.055



12, 2.719, 327.937



21, 52.512, 332.763



52, 96.257, 333.158

Inverse Universe

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



15, 32.126, 331.149



19, 44.142, 331.978



24, 21.881, 162.127



12, 2.719, 327.937



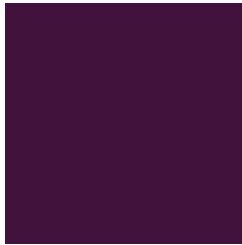
21, 52.512, 332.763



52, 96.257, 333.158

Previews

White Background



This preview shows how the CIE LCh color 15, 32.127, 331.149 looks on a white background.

Color Contrast Check

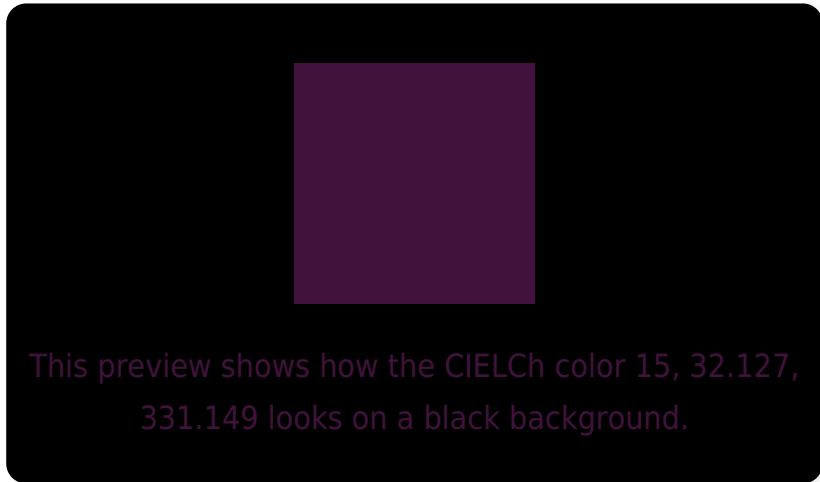
Large Text (above 18pt) WCAG AA ✓ Pass

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

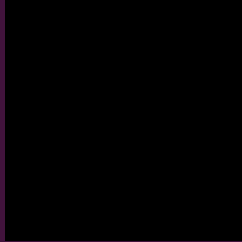
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 32.127, 331.149

Background



This preview shows how black text looks on a background with the CIELCh color 15, 32.127, 331.149.



This preview shows how white text looks on a background with the CIELCh color 15, 32.127, 331.149.

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, 32.127, 331.149

Protanopia

16, 27.598, 284.435

Deuteranopia

16, 12.827, 281.138



Tritanopia
15, 17.461, 22.200

Trichromacy



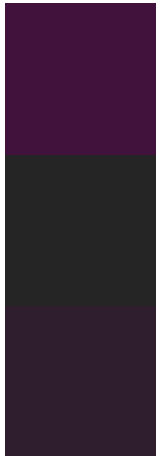
Original Color
15, 32.127, 331.149

Protanomaly
14, 28.361, 298.761

Deuteranomaly
15, 19.093, 309.750

Tritanomaly
15, 20.771, 354.584

Monochromacy



Original Color
15, 32.127, 331.149

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 13.226, 329.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 32.127, 331.149 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(65, 19, 60)` looks like.

```
.text, #text, p{  
    color:rgb(65, 19, 60)  
}
```

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(65, 19, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 19, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 32.127, 331.149 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(65, 19, 60) }
```

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

```
.border{ border-color:rgb(65, 19, 60) }
```

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

Here you see how a box with a 4 pixel rgb(65, 19, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 19, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 19, 60);  
box-shadow:4px 4px 4px 4px rgb(65, 19, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 32.127, 331.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 19, 60) }
```

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

```
.background{ background-color: rgb(65, 19,  
60) }
```

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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