

Converting Colors

CIELCh(15, 30.194, 326.722)

Have a look what the booklet for
CIELCh(15, 30.194, 326.722)
contains.

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Color

CIELCh(15, 30.272, 327.267)

Conversions

Conversions Part 1

Format	Color
Hex	3D163D
RGB	61, 22, 61
RGB Percent	24%, 9%, 24%
CMY	0.7605, 0.9134, 0.7605
CMYK	0.00, 0.64, 0.00, 0.76
HSL	300°, 47%, 16%
HSV	300°, 64%, 24%
XYZ	3.0614, 1.9086, 4.6319
YIQ	38.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

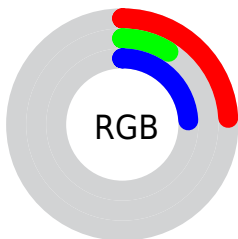
Format	Color
RYB	61, 22, 61
Decimal	4003389
CIELab	15.00, 25.46, -16.37
CIELCh	15, 30.272, 327.267
Yxy	1.9086, 0.3188, 0.1988
Android (android.graphics.Color)	4282193469 (0xFF3D163D)
YUV	38.1070, 11.2862, 20.0772
Hunter-Lab	13.8151, 15.3786, -10.2078

Details

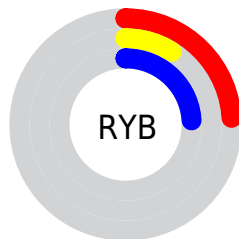
The CIELCh color **15, 30.272, 327.267** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 30.515, 139.753**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 30.091, 327.051**, and **0, 7.456, 292.308** is the 20% darker color. If you saturate the color by 10%, you get **14, 33.958, 327.588**, and if you desaturate by 10%, it is **16, 26.075, 326.893**.

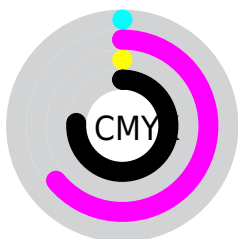
Distribution



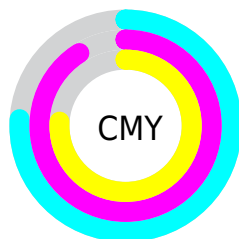
- Red (24%)
- Green (9%)
- Blue (24%)



- Red (24%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (0%)
- Black (76%)





- Cyan (76%)
- Magenta (91%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 30.272, 327.267 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, 30.272, 327.267 by changing the saturation by 10% instead.

 15, 30.272,
327.267


 15, 30.272,
327.267


 100, 30.272,
327.267


 5, 30.272, 327.267


 35, 30.272,
327.267

 0, 30.272, 327.267

 45, 30.272,
327.267


 55, 30.272,
327.267


 65, 30.272,
327.267


 75, 30.272,
327.267


 85, 30.272,


327.267


 95, 30.272,
327.267


 15, 30.272,
327.267


 15, 30.272,
327.267


 14, 33.958,
327.588


 16, 26.075,
326.893


 13, 36.995,
327.848

 18, 21.513,
326.478

 12, 39.801,
328.083

 20, 16.717,
326.032

 11, 41.637,
328.235

 21, 11.795,
325.565

 23, 6.834, 325.085

■ 25, 1.895, 324.568

■ 27, 2.978, 144.195

■ 29, 7.756, 143.713

■ 31, 12.420,
143.264

Harmonies

Complementary

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



15, 30.272, 327.267



22, 30.515, 139.753

Rectangle

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



15, 30.272, 327.267



15, 30.272, 17.267



15, 30.272, 147.267



15, 30.272, 197.267

Sweetspot

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



15, 30.271, 327.267



29, 11.639, 325.374



10, 28.655, 298.608



13, 8.086, 325.431



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, 30.271, 327.267



19, 42.779, 327.766



14, 22.086, 349.873



10, 2.734, 324.817



21, 55.837, 328.235



53, 104.021, 328.235

Inverse Universe

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



15, 30.271, 327.267



19, 42.779, 327.766



23, 20.899, 157.596



10, 2.734, 324.817



21, 55.837, 328.235



53, 104.021, 328.235

Previews

White Background



This preview shows how the CIE LCh color 15, 30.272, 327.267 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



This preview shows how the CIE LCh color 15, 30.272, 327.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

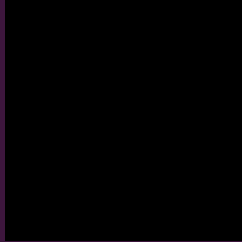
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 30.272, 327.267

Background



This preview shows how black text looks on a background with the CIELCh color 15, 30.272, 327.267.



This preview shows how white text looks on a background with the CIELCh color 15, 30.272, 327.267.

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, 30.272, 327.267

Protanopia

16, 26.255, 283.596

Deuteranopia

16, 13.637, 279.073



Tritanopia
15, 14.077, 17.773

Trichromacy



Original Color
15, 30.272, 327.267

Protanomaly
14, 26.915, 297.119

Deuteranomaly
15, 18.747, 304.758

Tritanomaly
15, 17.788, 349.318

Monochromacy



Original Color
15, 30.272, 327.267

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 11.851, 325.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 30.272, 327.267 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(61, 22, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 22, 61)  
}
```

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(61, 22, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 22, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 30.272, 327.267 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(61, 22, 61) }
```

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

```
.border{ border-color:rgb(61, 22, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 22, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 22, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 22, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 22, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 30.272, 327.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 22, 61) }
```

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

```
.background{ background-color: rgb(61, 22,  
61) }
```

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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