

Converting Colors

CIELCh(15, 27.387, 328.961)

Have a look what the booklet for
CIELCh(15, 27.387, 328.961)
contains.

CIELCh(15, 27.269, 328.809)	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, 27.269, 328.809)

Conversions

Conversions Part 1

Format	Color
Hex	3C183A
RGB	60, 24, 58
RGB Percent	24%, 9%, 23%
CMY	0.7652, 0.9064, 0.7731
CMYK	0.00, 0.60, 0.03, 0.77
HSL	303°, 43%, 16%
HSV	303°, 60%, 23%
XYZ	2.9396, 1.9086, 4.1990
YIQ	38.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

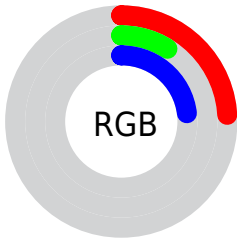
Format	Color
R_{YB}	60, 24, 58
Decimal	3938362
CIE _{Lab}	15.00, 23.33, -14.12
CIE _{LCh}	15, 27.269, 328.809
Yxy	1.9086, 0.3249, 0.2110
Android (android.graphics.Color)	4282128442 (0xFF3C183A)
YUV	38.6400, 9.5445, 18.7327
Hunter-Lab	13.8151, 13.8054, -8.3501

Details

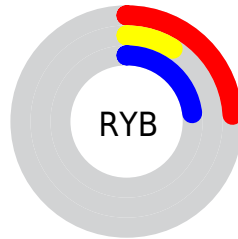
The CIELCh color **15, 27.269, 328.809** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 27.474, 141.555**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 27.299, 329.291**, and **0, 5.347, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 30.969, 329.218**, and if you desaturate by 10%, it is **16, 23.135, 328.368**.

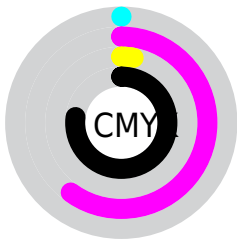
Distribution



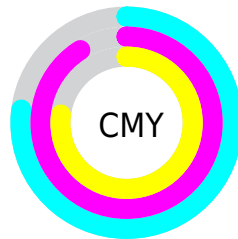
- Red (24%)
- Green (9%)
- Blue (23%)



- Red (24%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (77%)





- Cyan (77%)
- Magenta (91%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 27.269, 328.809 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, 27.269, 328.809 by changing the saturation by 10% instead.

 15, 27.269,
328.809


 15, 27.269,
328.809


 100, 27.269,
328.809


 5, 27.269, 328.809


 35, 27.269,
328.809

 0, 27.269, 328.809

 45, 27.269,
328.809


 55, 27.269,
328.809


 65, 27.269,
328.809


 75, 27.269,
328.809


 85, 27.269,


328.809


 95, 27.269,
328.809


 15, 27.269,
328.809


 15, 27.269,
328.809


 14, 30.969,
329.218


 16, 23.135,
328.368

 13, 34.096,
329.588


 18, 18.707,
327.903

 12, 36.753,
329.925

 20, 14.102,
327.421

 11, 39.575,
330.251

 21, 9.415, 326.929

 23, 4.717, 326.428

 25, 0.059, 324.005

■ 27, 4.524, 145.522

■ 29, 9.009, 145.049

■ 31, 13.385,
144.602

Harmonies

Complementary

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



15, 27.269, 328.809



22, 27.474, 141.555

Rectangle

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



15, 27.269, 328.809



15, 27.269, 18.809



15, 27.269, 148.809



15, 27.269, 198.809

Sweetspot

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



15, 27.268, 328.809



29, 10.617, 326.867



10, 26.333, 299.087



14, 7.448, 326.933



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, 27.268, 328.809



19, 39.361, 329.422



14, 20.102, 352.525



10, 2.633, 326.343



21, 53.613, 330.410



52, 99.551, 330.596

Inverse Universe

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



15, 27.268, 328.809



19, 39.361, 329.422



22, 18.662, 160.780



10, 2.633, 326.343



21, 53.613, 330.410



52, 99.551, 330.596

Previews

White Background



This preview shows how the CIE LCh color 15, 27.269, 328.809 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

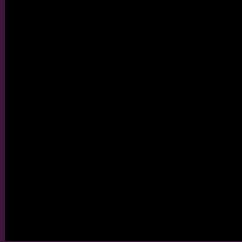
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 27.269, 328.809

Background



This preview shows how black text looks on a background with the CIELCh color 15, 27.269, 328.809.



This preview shows how white text looks on a background with the CIELCh color 15, 27.269, 328.809.

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, 27.269, 328.809

Protanopia

16, 22.688, 284.002

Deuteranopia

15, 12.129, 281.991



Tritanopia
15, 13.555, 17.396

Trichromacy



Original Color
15, 27.269, 328.809

Protanomaly
15, 23.398, 298.829

Deuteranomaly
15, 16.782, 307.246

Tritanomaly
15, 17.122, 350.262

Monochromacy



Original Color
15, 27.269, 328.809

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 11.256, 327.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 27.269, 328.809 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(60, 24, 58)` looks like.

```
.text, #text, p{  
    color:rgb(60, 24, 58)  
}
```

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(60, 24, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 24, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 27.269, 328.809 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(60, 24, 58) }
```

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

```
.border{ border-color:rgb(60, 24, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 24, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 24, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 24, 58);  
box-shadow:4px 4px 4px 4px rgb(60, 24, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 27.269, 328.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 24, 58) }
```

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

```
.background{ background-color: rgb(60, 24,  
58) }
```

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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