

Converting Colors

CIELCh(15, 22.903, 332.435)

Have a look what the booklet for
CIELCh(15, 22.903, 332.435)
contains.

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Color

CIELCh(15, 23.007, 332.004)

Conversions

Conversions Part 1

Format	Color
Hex	3A1A35
RGB	58, 26, 53
RGB Percent	23%, 10%, 21%
CMY	0.7719, 0.8974, 0.7915
CMYK	0.00, 0.55, 0.09, 0.77
HSL	309°, 38%, 17%
HSV	309°, 55%, 23%
XYZ	2.7736, 1.9086, 3.6095
YIQ	38.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

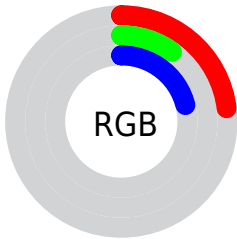
Format	Color
R_{YB}	58, 26, 53
Decimal	3807797
CIE Lab	15.00, 20.31, -10.80
CIE LCh	15, 23.007, 332.004
Yxy	1.9086, 0.3345, 0.2302
Android (android.graphics.Color)	4281997877 (0xFF3A1A35)
YUV	38.6460, 7.0765, 16.9735
Hunter-Lab	13.8151, 11.6601, -5.8202

Details

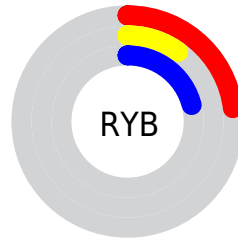
The CIELCh color **15, 23.007, 332.004** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **21, 23.071, 145.000**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 22.909, 331.489**, and **0, 2.016, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 26.617, 332.563**, and if you desaturate by 10%, it is **17, 19.069, 331.449**.

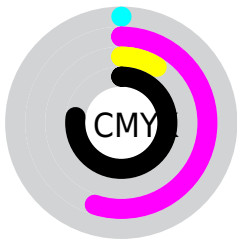
Distribution



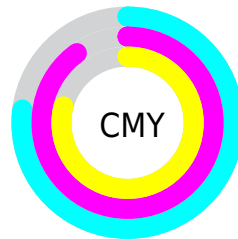
- Red (23%)
- Green (10%)
- Blue (21%)



- Red (23%)
- Yellow (10%)
- Blue (21%)



- Cyan (0%)
- Magenta (55%)
- Yellow (9%)
- Black (77%)



- Cyan (77%)
- Magenta (90%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 23.007, 332.004 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, 23.007, 332.004 by changing the saturation by 10% instead.

■ 15, 23.007,
332.004

■ 15, 23.007,
332.004

■ 100, 23.007,
332.004

■ 5, 23.007, 332.004

■ 35, 23.007,
332.004

■ 0, 23.007, 332.004

■ 45, 23.007,
332.004


■ 55, 23.007,
332.004


■ 65, 23.007,
332.004


■ 75, 23.007,
332.004


■ 85, 23.007,

332.004


 95, 23.007,
332.004


 15, 23.007,
332.004


 15, 23.007,
332.004


 14, 26.617,
332.563


 17, 19.069,
331.449

 12, 29.765,
333.127


 18, 14.926,
330.897

 11, 32.337,
333.700

 20, 10.675,
330.351

 11, 34.898,
334.237

 22, 6.392, 329.811

 10, 36.281,
334.485

 24, 2.129, 329.252

 25, 2.075, 148.865

■ 27, 6.198, 148.338

■ 29, 10.226,
147.861

■ 31, 14.150,
147.408

Harmonies

Complementary

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



15, 23.007, 332.004



21, 23.071, 145.000

Rectangle

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



15, 23.007, 332.004



15, 23.007, 22.004



15, 23.007, 152.004



15, 23.007, 202.004

Sweetspot

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



15, 23.006, 332.004



29, 9.095, 329.961



12, 23.333, 300.989



13, 5.972, 329.979



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



15, 23.006, 332.004



19, 33.557, 332.799



14, 17.349, 358.533



9, 2.276, 329.442



19, 48.874, 335.044



50, 91.141, 335.716

Inverse Universe

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



15, 23.006, 332.004



19, 33.557, 332.799



22, 15.468, 167.495



9, 2.276, 329.442



19, 48.874, 335.044



50, 91.141, 335.716

Previews

White Background



This preview shows how the CIE LCh color 15, 23.007, 332.004 looks on a white background.

Color Contrast Check

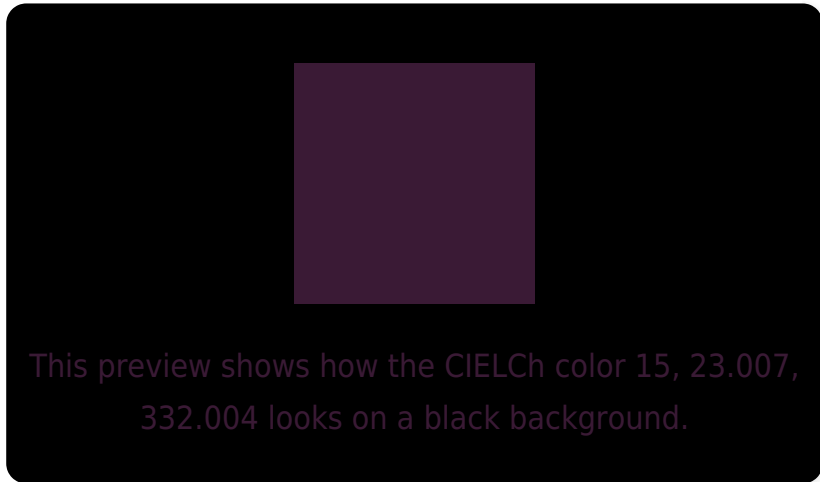
Large Text (above 18pt) WCAG AA ✓ Pass

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

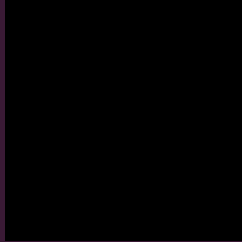
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 23.007, 332.004

Background



This preview shows how black text looks on a background with the CIELCh color 15, 23.007, 332.004.



This preview shows how white text looks on a background with the CIELCh color 15, 23.007, 332.004.

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, 23.007, 332.004

Protanopia

16, 17.723, 284.280

Deuteranopia

15, 9.214, 284.707



Tritanopia
15, 13.032, 17.000

Trichromacy



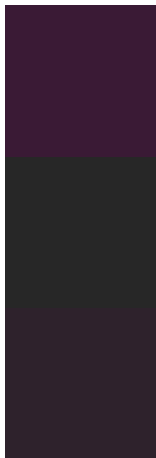
Original Color
15, 23.007, 332.004

Protanomaly
15, 17.897, 302.450

Deuteranomaly
15, 13.382, 310.478

Tritanomaly
15, 15.495, 354.685

Monochromacy



Original Color
15, 23.007, 332.004

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 9.063, 330.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 23.007, 332.004 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(58, 26, 53)` looks like.

```
.text, #text, p{  
    color:rgb(58, 26, 53)  
}
```

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(58, 26, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 26, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 23.007, 332.004 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(58, 26, 53) }
```

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

```
.border{ border-color:rgb(58, 26, 53) }
```

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

Here you see how a box with a 4 pixel rgb(58, 26, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 26, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 26, 53);  
box-shadow:4px 4px 4px 4px rgb(58, 26, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 23.007, 332.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 26, 53) }
```

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

```
.background{ background-color: rgb(58, 26,  
53) }
```

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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