

Converting Colors

CIELCh(15, 55.345, 312.554)

Have a look what the booklet for
CIELCh(15, 55.345, 312.554)
contains.

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Color

CIELCh(15, 55.549, 312.413)

Conversions

Conversions Part 1

Format	Color
Hex	360C61
RGB	54, 12, 97
RGB Percent	21%, 5%, 38%
CMY	0.7883, 0.9530, 0.6197
CMYK	0.44, 0.88, 0.00, 0.62
HSL	270°, 78%, 21%
HSV	270°, 88%, 38%
XYZ	3.8078, 1.9086, 11.4714
YIQ	34.2480, -2.2530, 35.3390

Conversions

Conversions Part 2

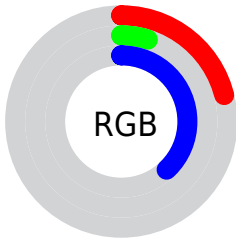
Format	Color
R_{YB}	54, 12, 97
Decimal	3542113
CIE _{Lab}	15.00, 37.47, -41.01
CIE _{LCh}	15, 55.549, 312.413
Yxy	1.9086, 0.2215, 0.1110
Android (android.graphics.Color)	4281732193 (0xFF360C61)
YUV	34.2480, 30.9367, 17.3225
Hunter-Lab	13.8151, 25.0230, -39.5609

Details

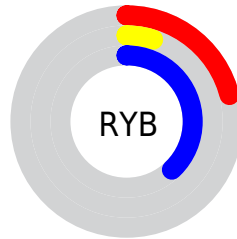
The CIELCh color **15, 55.549, 312.413** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **37, 49.054, 126.369**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 55.564, 312.314**, and **2, 32.074, 296.031** is the 20% darker color. If you saturate the color by 10%, you get **13, 59.983, 312.415**, and if you desaturate by 10%, it is **17, 50.519, 312.337**.

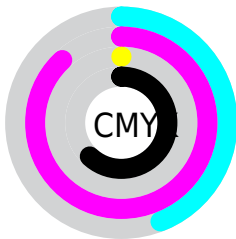
Distribution



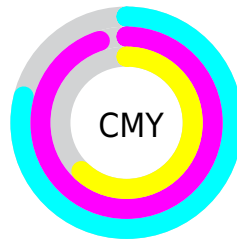
- Red (21%)
- Green (5%)
- Blue (38%)



- Red (21%)
- Yellow (5%)
- Blue (38%)



- Cyan (44%)
- Magenta (88%)
- Yellow (0%)
- Black (62%)





- Cyan (79%)
- Magenta (95%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 55.549, 312.413 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, 55.549, 312.413 by changing the saturation by 10% instead.

 15, 55.549,
312.413


 15, 55.549,
312.413


 100, 55.549,
312.413


 5, 55.549, 312.413


 35, 55.549,
312.413

 0, 55.549, 312.413

 45, 55.549,
312.413


 55, 55.549,
312.413


 65, 55.549,
312.413


 75, 55.549,
312.413


 85, 55.549,


312.413


 95, 55.549,
312.413


 15, 55.549,
312.413


 15, 55.549,
312.413


 13, 59.983,
312.415


 17, 50.519,
312.337

 13, 61.136,
312.470

 20, 44.581,
312.043

 23, 38.111,
311.618

 26, 31.391,
311.126

 29, 24.609,
310.613

■ 32, 17.880,
310.106

■ 35, 11.273,
309.622

■ 39, 4.824, 309.167

■ 42, 1.451, 128.819

Harmonies

Complementary

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



15, 55.549, 312.413



37, 49.054, 126.369

Rectangle

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



15, 55.549, 312.413



15, 55.549, 2.413



15, 55.549, 132.413



15, 55.549, 182.413

Sweetspot

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



15, 55.549, 312.414



42, 20.687, 310.061



23, 28.536, 274.477



20, 14.172, 310.177



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



15, 55.549, 312.414



18, 73.397, 312.143



22, 53.759, 327.466



18, 3.538, 309.221



15, 67.877, 312.273



38, 119.437, 311.580

Inverse Universe

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



20, 39.690, 355.287



26, 50.175, 359.925



35, 55.118, 136.818



18, 2.863, 343.968



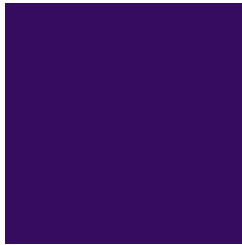
23, 46.517, 359.419



52, 80.841, 2.215

Previews

White Background



This preview shows how the CIELCh color 15, 55.549, 312.413 looks on a white background.

Color Contrast Check

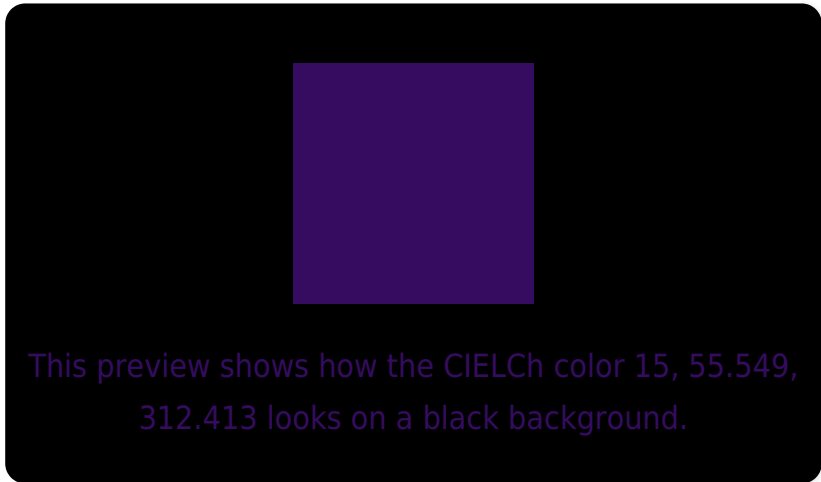
Large Text (above 18pt) WCAG AA ✓ Pass

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

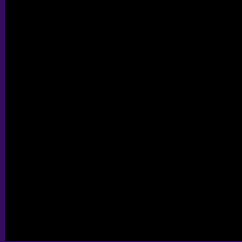
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 55.549, 312.413

Background



This preview shows how black text looks on a background with the CIELCh color 15, 55.549, 312.413.



This preview shows how white text looks on a background with the CIELCh color 15, 55.549, 312.413.

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, 55.549, 312.413

Protanopia

15, 30.593, 282.748

Deuteranopia

16, 21.374, 266.887



Tritanopia
16, 2.323, 314.879

Trichromacy



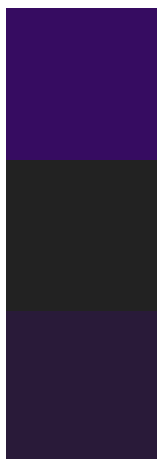
Original Color
15, 55.549, 312.413

Protanomaly
14, 40.783, 297.303

Deuteranomaly
13, 34.747, 294.909

Tritanomaly
14, 24.255, 311.886

Monochromacy



Original Color
15, 55.549, 312.413

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 23.032, 310.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 55.549, 312.413 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(54, 12, 97)` looks like.

```
.text, #text, p{  
    color:rgb(54, 12, 97)  
}
```

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(54, 12, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 12, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 55.549, 312.413 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(54, 12, 97) }
```

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

```
.border{ border-color:rgb(54, 12, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 12, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 12, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 12, 97);  
box-shadow:4px 4px 4px 4px rgb(54, 12, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 55.549, 312.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 12, 97) }
```

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

```
.background{ background-color: rgb(54, 12,  
97) }
```

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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