

Converting Colors

CIELCh(15, 41.393, 319.180)

Have a look what the booklet for
CIELCh(15, 41.393, 319.180)
contains.

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Color

CIELCh(15, 41.264, 319.135)

Conversions

Conversions Part 1

Format	Color
Hex	3C114C
RGB	60, 17, 76
RGB Percent	24%, 7%, 30%
CMY	0.7634, 0.9320, 0.7007
CMYK	0.21, 0.77, 0.00, 0.70
HSL	284°, 63%, 18%
HSV	284°, 77%, 30%
XYZ	3.4050, 1.9086, 7.0858
YIQ	36.5830, 6.6890, 27.4650

Conversions

Conversions Part 2

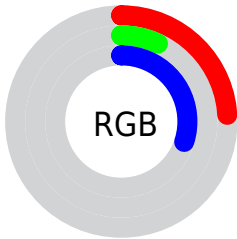
Format	Color
R_{YB}	60, 17, 76
Decimal	3936588
CIE _{Lab}	15.00, 31.21, -27.00
CIE _{LCh}	15, 41.264, 319.135
Yxy	1.9086, 0.2746, 0.1539
Android (android.graphics.Color)	4282126668 (0xFF3C114C)
YUV	36.5830, 19.4326, 20.5367
Hunter-Lab	13.8151, 19.8175, -20.7394

Details

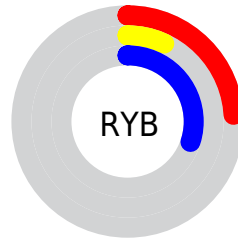
The CIELCh color **15, 41.264, 319.135** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 39.825, 133.080**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 40.934, 319.389**, and **1, 17.778, 292.497** is the 20% darker color. If you saturate the color by 10%, you get **13, 44.967, 319.104**, and if you desaturate by 10%, it is **17, 36.777, 319.008**.

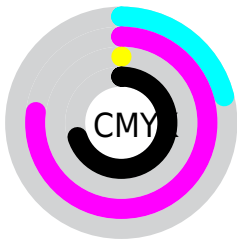
Distribution



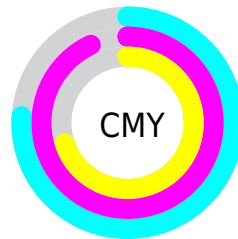
- Red (24%)
- Green (7%)
- Blue (30%)



- Red (24%)
- Yellow (7%)
- Blue (30%)



- Cyan (21%)
- Magenta (77%)
- Yellow (0%)
- Black (70%)





- Cyan (76%)
- Magenta (93%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 41.264, 319.135 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, 41.264, 319.135 by changing the saturation by 10% instead.

 15, 41.264,
319.135


 15, 41.264,
319.135


 100, 41.264,
319.135


 5, 41.264, 319.135


 35, 41.264,
319.135

 0, 41.264, 319.135

 45, 41.264,
319.135


 55, 41.264,
319.135


 65, 41.264,
319.135


 75, 41.264,
319.135


 85, 41.264,

319.135


 95, 41.264,
319.135


 15, 41.264,
319.135


 15, 41.264,
319.135


 13, 44.967,
319.104


 17, 36.777,
319.008


 12, 48.505,
319.084

 19, 31.738,
318.766

 12, 49.555,
319.110

 21, 26.353,
318.447

 23, 20.783,
318.081

 26, 15.148,
317.691

■ 28, 9.530, 317.294

■ 31, 3.984, 316.892

■ 33, 1.459, 136.607

■ 36, 6.778, 136.202

Harmonies

Complementary

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



15, 41.264, 319.135



28, 39.825, 133.080

Rectangle

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



15, 41.264, 319.135



15, 41.264, 9.135



15, 41.264, 139.135



15, 41.264, 189.135

Sweetspot

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



15, 41.263, 319.135



35, 15.860, 317.555



14, 29.954, 289.426



16, 11.083, 317.640



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



15, 41.263, 319.135



18, 57.088, 318.916



17, 36.060, 336.123



14, 3.059, 316.948



18, 60.634, 318.775



44, 110.078, 318.169

Inverse Universe

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



16, 29.315, 10.133



20, 41.411, 17.209



28, 37.102, 143.793



14, 2.038, 358.651



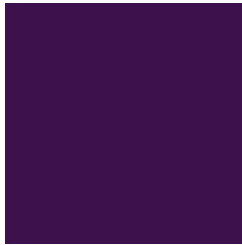
20, 44.525, 20.148



48, 82.648, 24.545

Previews

White Background



This preview shows how the CIE LCh color 15, 41.264, 319.135 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, 41.264, 319.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

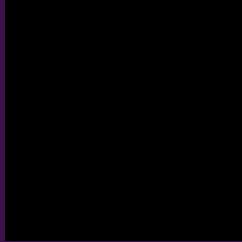
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 41.264, 319.135

Background



This preview shows how black text looks on a background with the CIELCh color 15, 41.264, 319.135.



This preview shows how white text looks on a background with the CIELCh color 15, 41.264, 319.135.

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, 41.264, 319.135

Protanopia

15, 29.953, 282.097

Deuteranopia

15, 23.084, 271.265



Tritanopia
15, 10.860, 11.372

Trichromacy



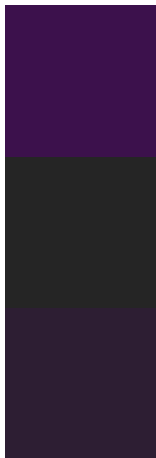
Original Color
15, 41.264, 319.135

Protanomaly
14, 34.703, 295.596

Deuteranomaly
14, 29.135, 292.190

Tritanomaly
15, 20.858, 332.390

Monochromacy



Original Color
15, 41.264, 319.135

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 16.333, 317.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 41.264, 319.135 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, 17, 76)` looks like.

```
.text, #text, p{  
    color:rgb(60, 17, 76)  
}
```

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, 17, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 17, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 41.264, 319.135 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, 17, 76) }
```

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

```
.border{ border-color:rgb(60, 17, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 17, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 17, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 17, 76);  
box-shadow:4px 4px 4px 4px rgb(60, 17, 76)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 41.264, 319.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 17, 76) }
```

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

```
.background{ background-color: rgb(60, 17,  
76) }
```

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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