

Converting Colors

CIELCh(15, 11.517, 305.771)

Have a look what the booklet for
CIELCh(15, 11.517, 305.771)
contains.

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Color

CIELCh(15, 11.674, 306.106)

Conversions

Conversions Part 1

Format	Color
Hex	292333
RGB	41, 35, 51
RGB Percent	16%, 14%, 20%
CMY	0.8394, 0.8629, 0.8002
CMYK	0.20, 0.31, 0.00, 0.80
HSL	262°, 19%, 17%
HSV	262°, 31%, 20%
XYZ	2.1089, 1.9086, 3.3838
YIQ	38.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

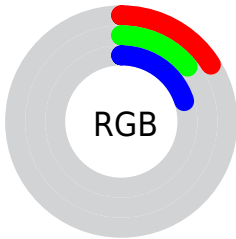
Format	Color
RYB	41, 35, 51
Decimal	2695987
CIELab	15.00, 6.88, -9.43
CIELCh	15, 11.674, 306.106
Yxy	1.9086, 0.2849, 0.2579
Android (android.graphics.Color)	4280886067 (0xFF292333)
YUV	38.6180, 6.1043, 2.0890
Hunter-Lab	13.8151, 3.0718, -4.8517

Details

The CIELCh color **15, 11.674, 306.106** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 11.144, 123.220**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 11.657, 306.023**, and **0, 0.807, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **13, 15.585, 306.681**, and if you desaturate by 10%, it is **17, 7.850, 305.571**.

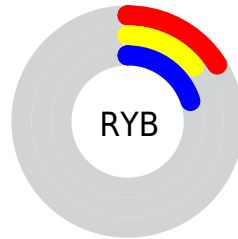
Distribution



Red (16%)

Green (14%)

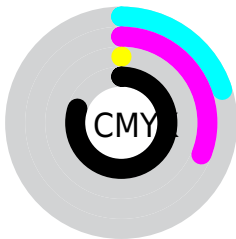
Blue (20%)



Red (16%)

Yellow (14%)

Blue (20%)

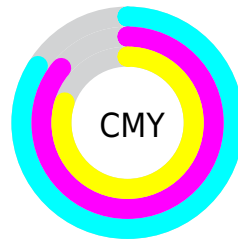


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (80%)



Cyan (84%)

Magenta (86%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 11.674, 306.106 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, 11.674, 306.106 by changing the saturation by 10% instead.

■ 15, 11.674,
306.106

■ 15, 11.674,
306.106

■ 100, 11.674,
306.106

■ 5, 11.674, 306.106

■ 35, 11.674,
306.106

■ 0, 11.674, 306.106

■ 45, 11.674,
306.106


■ 55, 11.674,
306.106


■ 65, 11.674,
306.106


■ 75, 11.674,
306.106


■ 85, 11.674,

306.106


 95, 11.674,
306.106

 15, 11.674,
306.106

 15, 11.674,
306.106

 13, 15.585,
306.681

 17, 7.850, 305.571

 11, 19.563,
307.289

 19, 4.124, 305.079

 21, 0.501, 304.587

 9, 23.568, 307.912

 23, 3.021, 124.257

 7, 27.464, 308.443

 25, 6.443, 123.897

 6, 30.451, 308.136

 27, 9.770, 123.580

 5, 32.891, 307.404

 29, 13.005,

■ 3, 34.832, 306.645 123.299

■ 31, 16.152,
123.051

■ 33, 19.216,
122.833

Harmonies

Complementary

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



15, 11.674, 306.106



20, 11.144, 123.220

Rectangle

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



15, 11.674, 306.106



15, 11.674, 356.106



15, 11.674, 126.106



15, 11.674, 176.106

Sweetspot

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



15, 11.673, 306.106



26, 4.053, 304.990



18, 5.836, 243.040



11, 2.756, 305.007



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



15, 11.673, 306.106



19, 17.814, 306.599



16, 12.859, 321.990



8, 1.992, 304.912



9, 59.019, 310.211



31, 113.434, 309.327

Inverse Universe

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



16, 10.303, 339.535



20, 15.547, 340.189



20, 12.762, 139.298



8, 1.792, 337.934



18, 41.687, 348.625



48, 78.068, 351.104

Previews

White Background



This preview shows how the CIE LCh color 15, 11.674, 306.106 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, 11.674, 306.106

Background



This preview shows how black text looks on a background with the CIELCh color 15, 11.674, 306.106.



This preview shows how white text looks on a background with the CIELCh color 15, 11.674, 306.106.

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, 11.674, 306.106

Protanopia

15, 11.377, 284.971

Deuteranopia

15, 9.249, 284.775



Tritanopia
15, 2.340, 314.889

Trichromacy



Original Color
15, 11.674, 306.106

Protanomaly
15, 11.337, 293.245

Deuteranomaly
15, 9.943, 295.356

Tritanomaly
15, 5.990, 309.735

Monochromacy



Original Color
15, 11.674, 306.106

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 3.660, 305.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 11.674, 306.106 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(41, 35, 51)` looks like.

```
.text, #text, p{  
    color:rgb(41, 35, 51)  
}
```

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(41, 35, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 35, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 11.674, 306.106 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(41, 35, 51) }
```

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

```
.border{ border-color:rgb(41, 35, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 35, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 35, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 35, 51);  
box-shadow:4px 4px 4px 4px rgb(41, 35, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 11.674, 306.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 35, 51) }
```

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

```
.background{ background-color: rgb(41, 35,  
51) }
```

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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