

Converting Colors

CIELCh(15, 21.527, 295.692)

Have a look what the booklet for
CIELCh(15, 21.527, 295.692)
contains.

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Color

CIELCh(15, 21.161, 295.637)

Conversions

Conversions Part 1

Format	Color
Hex	232341
RGB	35, 35, 65
RGB Percent	14%, 14%, 25%
CMY	0.8643, 0.8642, 0.7467
CMYK	0.46, 0.46, 0.00, 0.75
HSL	240°, 30%, 19%
HSV	240°, 46%, 25%
XYZ	2.2131, 1.9086, 5.1922
YIQ	38.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

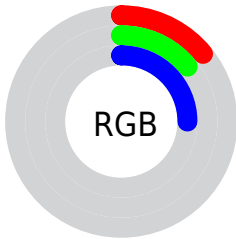
Format	Color
RYB	35, 35, 65
Decimal	2302785
CIELab	15.00, 9.16, -19.08
CIElCh	15, 21.161, 295.637
Yxy	1.9086, 0.2376, 0.2049
Android (android.graphics.Color)	4280492865 (0xFF232341)
YUV	38.4200, 13.1039, -2.9993
Hunter-Lab	13.8151, 4.4178, -12.6126




Details

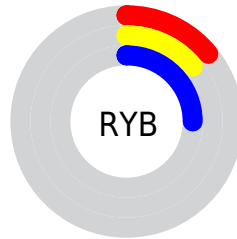
The CIELCh color **15, 21.161, 295.637** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **27, 19.040, 106.236**, and the grayscale version is **15, 0.003, 296.813**.




A 20% lighter version of the original color is **35, 21.278, 295.595**, and **1, 10.257, 288.629** is the 20% darker color. If you saturate the color by 10%, you get **12, 26.198, 297.329**, and if you desaturate by 10%, it is **18, 16.292, 294.137**.

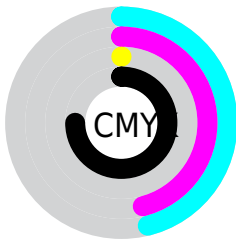
Distribution







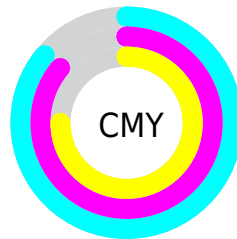
-  Red (14%)
-  Green (14%)
-  Blue (25%)






-  Red (14%)
-  Yellow (14%)
-  Blue (25%)



-  Cyan (46%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (86%)
-  Magenta (86%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 21.161, 295.637 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, 21.161, 295.637 by changing the saturation by 10% instead.

■ 15, 21.161,
295.637

■ 15, 21.161,
295.637

■ 100, 21.161,
295.637

■ 5, 21.161, 295.637

■ 35, 21.161,
295.637

■ 0, 21.161, 295.637

■ 45, 21.161,
295.637


■ 55, 21.161,
295.637


■ 65, 21.161,
295.637


■ 75, 21.161,
295.637


■ 85, 21.161,


295.637


 95, 21.161,
295.637


 15, 21.161,
295.637

 15, 21.161,
295.637

 12, 26.198,
297.329

 18, 16.292,
294.137

 10, 31.363,
299.186

 20, 11.601,
292.825

 7, 36.494, 301.085

 23, 7.081, 291.689

 6, 40.437, 301.981

 26, 2.723, 290.711

 4, 43.689, 302.122

 28, 1.485, 109.830

 3, 44.784, 302.028

 31, 5.553, 109.106

■ 34, 9.490, 108.468

■ 36, 13.304,
107.910

■ 39, 17.003,
107.422

Harmonies

Complementary

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



15, 21.161, 295.637



27, 19.040, 106.236

Rectangle

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



15, 21.161, 295.637



15, 21.161, 345.637



15, 21.161, 115.637



15, 21.161, 165.637

Sweetspot

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



15, 21.161, 295.637



31, 7.499, 291.500



25, 11.759, 195.855



14, 5.232, 291.606



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



15, 21.161, 295.637



17, 32.516, 297.689



17, 21.738, 310.576



11, 2.418, 290.907



8, 65.806, 306.259



28, 121.454, 306.278

Inverse Universe

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



18, 15.614, 23.346



21, 24.229, 25.318



25, 20.448, 126.564



12, 1.688, 19.697



18, 48.275, 35.223



47, 94.905, 39.969

Previews

White Background



This preview shows how the CIE LCh color 15, 21.161, 295.637 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 CIELCh color 15, 21.161, 295.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

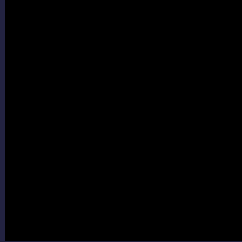
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 15, 21.161, 295.637

Background



This preview shows how black text looks on a background with the CIELCh color 15, 21.161, 295.637.



This preview shows how white text looks on a background with the CIELCh color 15, 21.161, 295.637.

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, 21.161, 295.637

Protanopia

15, 21.339, 284.282

Deuteranopia

15, 18.905, 277.066



Tritanopia
15, 5.227, 222.475

Trichromacy



Original Color
15, 21.161, 295.637

Protanomaly
15, 21.224, 288.352

Deuteranomaly
15, 19.280, 283.009

Tritanomaly
15, 9.519, 275.002

Monochromacy



Original Color
15, 21.161, 295.637

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 7.779, 292.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 21.161, 295.637 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(35, 35, 65)` looks like.

```
.text, #text, p{  
    color:rgb(35, 35, 65)  
}
```

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(35, 35, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 35, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 21.161, 295.637 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(35, 35, 65) }
```

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

```
.border{ border-color:rgb(35, 35, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 35, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 35, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 35, 65);  
box-shadow:4px 4px 4px 4px rgb(35, 35, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 21.161, 295.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 35, 65) }
```

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

```
.background{ background-color: rgb(35, 35,  
65) }
```

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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