

Converting Colors

CIELCh(25, 17.547, 312.271)

Have a look what the booklet for
CIELCh(25, 17.547, 312.271)
contains.

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Color

CIELCh(25, 17.521, 312.437)

Conversions

Conversions Part 1

Format	Color
Hex	44364F
RGB	68, 54, 79
RGB Percent	27%, 21%, 31%
CMY	0.7338, 0.7887, 0.6907
CMYK	0.14, 0.32, 0.00, 0.69
HSL	274°, 19%, 26%
HSV	274°, 32%, 31%
XYZ	5.0967, 4.4155, 7.9581
YIQ	61.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

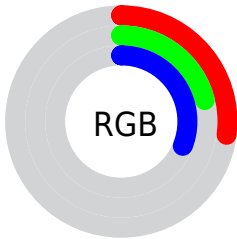
Format	Color
RYB	68, 54, 79
Decimal	4470351
CIELab	25.00, 11.82, -12.93
CIElCh	25, 17.521, 312.437
Yxy	4.4155, 0.2917, 0.2527
Android (android.graphics.Color)	4282660431 (0xFF44364F)
YUV	61.0360, 8.8563, 6.1074
Hunter-Lab	21.0130, 6.5220, -7.7453

Details

The CIELCh color **25, 17.521, 312.437** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **32, 16.929, 129.832**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 17.212, 311.883**, and **5, 17.562, 311.607** is the 20% darker color. If you saturate the color by 10%, you get **22, 23.229, 312.881**, and if you desaturate by 10%, it is **28, 11.870, 311.999**.

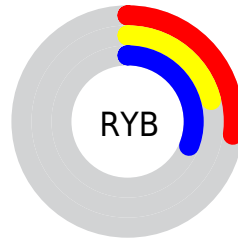
Distribution



Red (27%)

Green (21%)

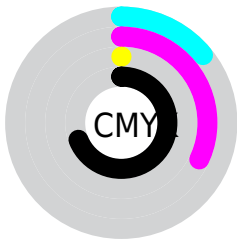
Blue (31%)



Red (27%)

Yellow (21%)

Blue (31%)

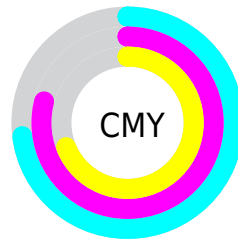


Cyan (14%)

Magenta (32%)

Yellow (0%)

Black (69%)



Cyan (73%)


Magenta (79%)


Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 17.521, 312.437 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 25, 17.521, 312.437 by changing the saturation by 10% instead.

 25, 17.521,
312.437


 25, 17.521,
312.437

 100, 17.521,
312.437


 15, 17.521,
312.437


 45, 17.521,
312.437


 5, 17.521, 312.437

 55, 17.521,
312.437

 0, 17.521, 312.437

 65, 17.521,
312.437

 75, 17.521,
312.437

 85, 17.521,
312.437

 95, 17.521,

312.437

■ 25, 17.521,
312.437

■ 25, 17.521,
312.437

■ 22, 23.229,
312.881

■ 28, 11.870,
311.999

■ 20, 28.922,
313.313

■ 30, 6.323, 311.577

■ 17, 34.484,
313.701

■ 33, 0.903, 311.120

■ 36, 4.378, 130.855

■ 15, 39.739,
314.003

■ 39, 9.515, 130.519

■ 13, 44.448,
314.161

■ 41, 14.509,
130.221

■ 11, 48.484,
314.162

■ 44, 19.365,
129.955

■ 10, 52.199,
314.354

■ 47, 24.085,
129.718

■ 49, 28.678,
129.508

Harmonies

Complementary

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



25, 17.521, 312.437



32, 16.929, 129.832

Rectangle

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



25, 17.521, 312.437



25, 17.521, 2.437



25, 17.521, 132.437



25, 17.521, 182.437

Sweetspot

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



25, 17.520, 312.437



40, 6.684, 311.522



27, 9.830, 265.156



19, 4.507, 311.552



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



25, 17.520, 312.437



31, 26.153, 312.778



26, 18.727, 327.410



14, 2.934, 311.450



15, 62.542, 313.970



38, 113.902, 313.191

Inverse Universe

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



26, 13.364, 349.837



32, 19.883, 350.705



31, 18.721, 143.798



14, 2.242, 347.633



20, 43.104, 4.838



49, 78.009, 8.535

Previews

White Background



This preview shows how the CIELCh color 25, 17.521, 312.437 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 25, 17.521, 312.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

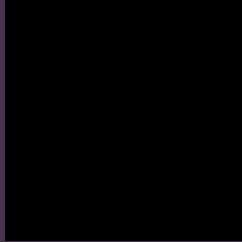
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 17.521, 312.437

Background



This preview shows how black text looks on a background with the CIELCh color 25, 17.521, 312.437.



This preview shows how white text looks on a background with the CIELCh color 25, 17.521, 312.437.

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

25, 17.521, 312.437

Protanopia

25, 15.922, 283.888

Deuteranopia

25, 13.218, 287.764



Tritanopia
25, 4.911, 338.251

Trichromacy



Original Color
25, 17.521, 312.437

Protanomaly
25, 16.512, 294.860

Deuteranomaly
25, 13.943, 297.949

Tritanomaly
25, 9.083, 320.497

Monochromacy



Original Color
25, 17.521, 312.437

Achromatopsia
26, 0.004, 296.813

Achromatomaly
25, 7.119, 313.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 17.521, 312.437 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(68, 54, 79)` looks like.

```
.text, #text, p{  
    color:rgb(68, 54, 79)  
}
```

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(68, 54, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 54, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 17.521, 312.437 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(68, 54, 79) }
```

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

```
.border{ border-color:rgb(68, 54, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 54, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 54, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 54, 79);  
box-shadow:4px 4px 4px 4px rgb(68, 54, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 17.521, 312.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 54, 79) }
```

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

```
.background{ background-color: rgb(68, 54,  
79) }
```

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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