

Converting Colors

CIELCh(25, 6.300, 335.811)

Have a look what the booklet for
CIELCh(25, 6.300, 335.811) contains.

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Color

CIELCh(25, 5.681, 336.490)

Conversions

Conversions Part 1

Format	Color
Hex	42393F
RGB	66, 57, 63
RGB Percent	26%, 22%, 25%
CMY	0.7419, 0.7772, 0.7537
CMYK	0.00, 0.14, 0.05, 0.74
HSL	320°, 7%, 24%
HSV	320°, 14%, 26%
XYZ	4.5790, 4.4155, 5.2851
YIQ	60.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

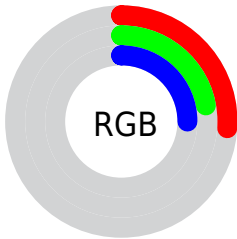
Format	Color
R _Y B	66, 57, 63
Decimal	4340031
CIE Lab	25.00, 5.21, -2.27
CIE LCh	25, 5.681, 336.490
Yxy	4.4155, 0.3207, 0.3092
Android (android.graphics.Color)	4282530111 (0xFF42393F)
YUV	60.3750, 1.2941, 4.9331
Hunter-Lab	21.0130, 2.1242, -0.2031

Details

The CIELCh color **25, 5.681, 336.490** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27, 5.641, 154.810**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 5.868, 334.814**, and **5, 6.026, 336.143** is the 20% darker color. If you saturate the color by 10%, you get **23, 9.888, 337.174**, and if you desaturate by 10%, it is **27, 1.514, 335.785**.

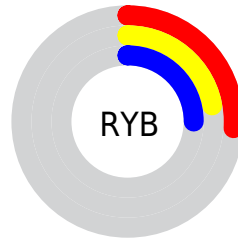
Distribution



Red (26%)

Green (22%)

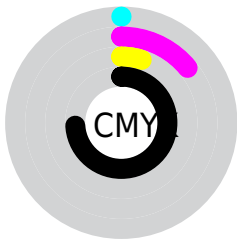
Blue (25%)



Red (26%)

Yellow (22%)

Blue (25%)

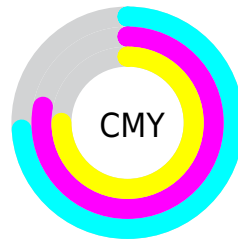


Cyan (0%)

Magenta (14%)

Yellow (5%)

Black (74%)



Cyan (74%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 5.681, 336.490 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, 5.681, 336.490 by changing the saturation by 10% instead.

■ 25, 5.681, 336.490

■ 25, 5.681, 336.490

■ 100, 5.681,
336.490

■ 15, 5.681, 336.490

■ 45, 5.681, 336.490

■ 5, 5.681, 336.490

■ 55, 5.681, 336.490

■ 0, 5.681, 336.490

■ 65, 5.681, 336.490

■ 75, 5.681, 336.490

■ 85, 5.681, 336.490

■ 95, 5.681, 336.490

■ 25, 5.681, 336.490

■ 25, 5.681, 336.490

23, 9.888, 337.174

27, 1.514, 335.785

21, 14.085,
337.893

29, 2.578, 155.357

19, 18.197,
338.664

31, 6.575, 154.758

17, 22.120,
339.500

34, 10.467,
154.218

16, 25.723,
340.421

36, 14.251,
153.712

14, 28.850,
341.455

38, 17.926,
153.235

13, 31.340,
342.641

40, 21.497,
152.784

12, 33.497,
343.873

42, 24.967,
152.358

11, 35.023,
344.564

45, 28.343,
151.955

Harmonies

Complementary

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



25, 5.681, 336.490



27, 5.641, 154.810

Rectangle

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



25, 5.681, 336.490



25, 5.681, 26.490



25, 5.681, 156.490



25, 5.681, 206.490

Sweetspot

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



25, 5.680, 336.492



36, 2.077, 335.829



24, 6.118, 303.729



17, 1.453, 335.862



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



25, 5.680, 336.492



33, 8.379, 336.696



25, 4.277, 6.892



12, 2.317, 336.146



20, 45.063, 345.877



50, 81.922, 347.746

Inverse Universe

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



25, 5.680, 336.492



33, 8.379, 336.696



27, 4.060, 184.846



12, 2.317, 336.146



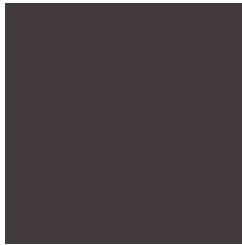
20, 45.063, 345.877



50, 81.922, 347.746

Previews

White Background



This preview shows how the CIELCh color 25, 5.681, 336.490 looks on a white background.

Color Contrast Check

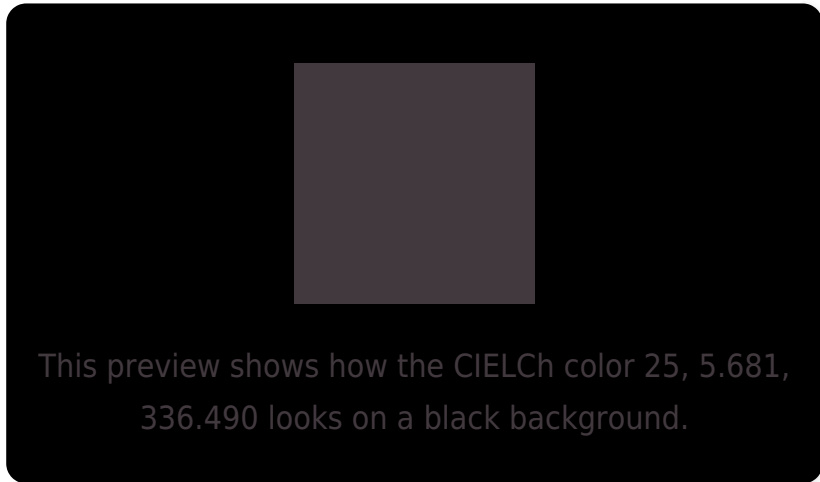
Large Text (above 18pt) WCAG AA ✓ Pass

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

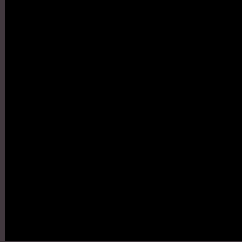
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 5.681, 336.490

Background



This preview shows how black text looks on a background with the CIELCh color 25, 5.681, 336.490.

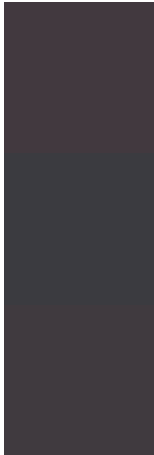


This preview shows how white text looks on a background with the CIELCh color 25, 5.681, 336.490.

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

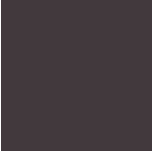
25, 5.681, 336.490

Protanopia

25, 3.298, 290.874

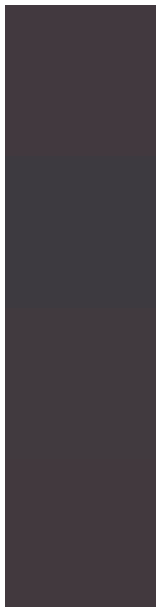
Deuteranopia

25, 4.275, 329.854



Tritanopia
25, 4.886, 347.785

Trichromacy



Original Color

25, 5.681, 336.490

Protanomaly

25, 4.196, 309.420

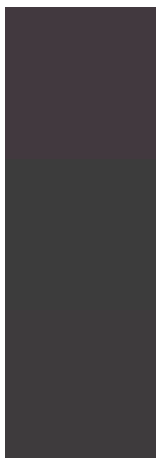
Deuteranomaly

25, 4.574, 334.318

Tritanomaly

25, 5.257, 341.700

Monochromacy



Original Color

25, 5.681, 336.490

Achromatopsia

25, 0.004, 296.813

Achromatomaly

25, 1.901, 335.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 5.681, 336.490 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(66, 57, 63)` looks like.

```
.text, #text, p{  
    color:rgb(66, 57, 63)  
}
```

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(66, 57, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 57, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 5.681, 336.490 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(66, 57, 63) }
```

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

```
.border{ border-color:rgb(66, 57, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 57, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 57, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 57, 63);  
box-shadow:4px 4px 4px 4px rgb(66, 57, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 5.681, 336.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 57, 63) }
```

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

```
.background{ background-color: rgb(66, 57,  
63) }
```

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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