

Converting Colors

CIELCh(37, 2.925, 178.790)

Have a look what the booklet for
CIELCh(37, 2.925, 178.790) contains.

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Color

CIELCh(37, 2.600, 185.399)

Conversions

Conversions Part 1

Format	Color
Hex	525857
RGB	82, 88, 87
RGB Percent	32%, 35%, 34%
CMY	0.6771, 0.6536, 0.6575
CMYK	0.07, 0.00, 0.01, 0.65
HSL	170°, 4%, 33%
HSV	170°, 7%, 35%
XYZ	8.7608, 9.5379, 10.4688
YIQ	86.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

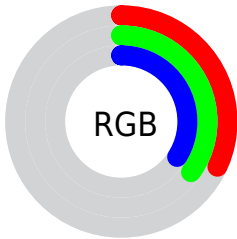
Format	Color
R_{YB}	82, 85, 88
Decimal	5396567
CIE _{Lab}	37.00, -2.59, -0.24
CIE _{LCh}	37, 2.600, 185.399
Yxy	9.5379, 0.3045, 0.3316
Android (android.graphics.Color)	4283586647 (0xFF525857)
YUV	86.0920, 0.4476, -3.5887
Hunter-Lab	30.8835, -3.4105, 1.5205

Details

The CIELCh color **37, 2.600, 185.399** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **36, 2.673, 6.258**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 2.782, 187.439**, and **17, 2.901, 184.920** is the 20% darker color. If you saturate the color by 10%, you get **36, 6.337, 184.508**, and if you desaturate by 10%, it is **38, 1.242, 5.821**.

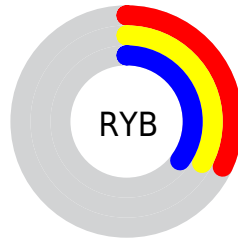
Distribution



Red (32%)

Green (35%)

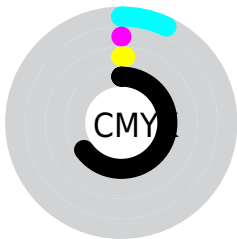
Blue (34%)



Red (32%)

Yellow (33%)

Blue (35%)

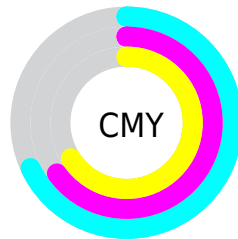


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (65%)



Cyan (68%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 2.600, 185.399 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 37, 2.600, 185.399 by changing the saturation by 10% instead.

■ 37, 2.600, 185.399

■ 37, 2.600, 185.399

■ 100, 2.600,
185.399

■ 27, 2.600, 185.399

■ 57, 2.600, 185.399

■ 17, 2.600, 185.399

■ 67, 2.600, 185.399

■ 7, 2.600, 185.399

■ 77, 2.600, 185.399

■ 0, 2.600, 185.399

■ 87, 2.600, 185.399

■ 97, 2.600, 185.399

■ 37, 2.600, 185.399

■ 37, 2.600, 185.399

■ 36, 6.337, 184.508

■ 38, 1.242, 5.821

■ 36, 9.918, 183.652

■ 39, 5.150, 6.756

■ 35, 13.292,
182.765

■ 40, 9.089, 7.518

■ 34, 16.404,
181.832

■ 41, 13.032, 8.245

■ 42, 16.957, 8.950

■ 34, 19.201,
180.841

■ 43, 20.847, 9.635

■ 34, 21.636,
179.775

■ 44, 24.691, 10.301

■ 45, 28.481, 10.949

■ 33, 23.675,
178.618

■ 46, 32.211, 11.578

■ 33, 25.303,
177.352

■ 33, 26.675,
176.051

Harmonies

Complementary

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



37, 2.600, 185.399



36, 2.673, 6.258

Rectangle

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



37, 2.600, 185.399



37, 2.600, 235.399



37, 2.600, 5.399



37, 2.600, 55.399

Sweetspot

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



37, 2.601, 185.382



48, 0.953, 186.007



37, 4.276, 139.048



25, 0.546, 186.061



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



37, 2.601, 185.382



48, 3.791, 185.246



36, 2.061, 234.252



17, 2.103, 185.202



40, 31.175, 175.233



84, 56.159, 174.056

Inverse Universe

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



36, 2.673, 6.258



46, 3.919, 6.404



36, 2.125, 53.045



16, 2.178, 6.453



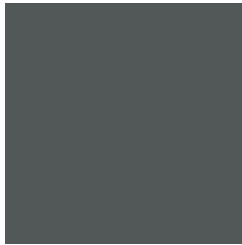
21, 48.813, 28.822



49, 89.938, 32.674

Previews

White Background



This preview shows how the CIELCh color 37, 2.600, 185.399 looks on a white background.

Color Contrast Check

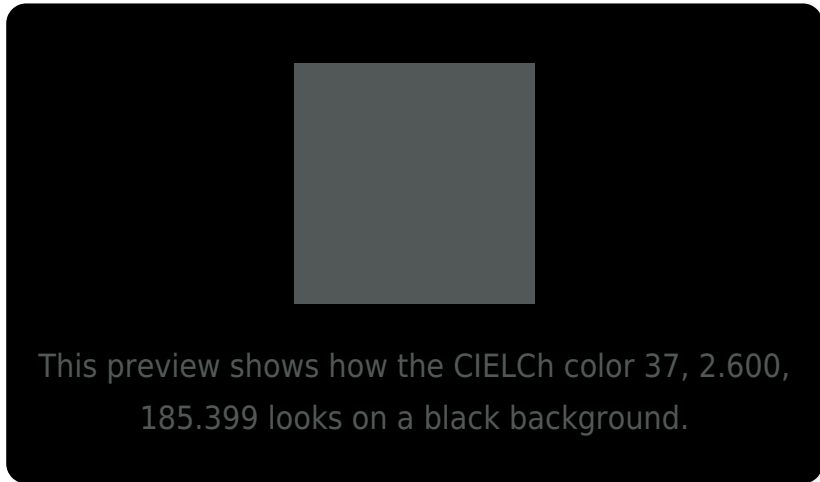
Large Text (above 18pt) WCAG AA ✓ Pass

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

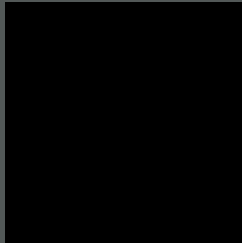
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

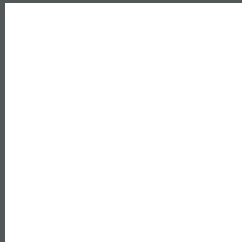
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 37, 2.600, 185.399

Background



This preview shows how black text looks on a background with the CIELCh color 37, 2.600, 185.399.

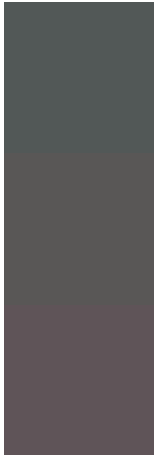


This preview shows how white text looks on a background with the CIELCh color 37, 2.600, 185.399.

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


37, 2.600, 185.399

Protanopia

37, 1.047, 55.193

Deuteranopia

37, 5.339, 352.662



Tritanopia
37, 4.594, 270.110

Trichromacy



Original Color

37, 2.600, 185.399

Protanomaly

37, 0.612, 110.020

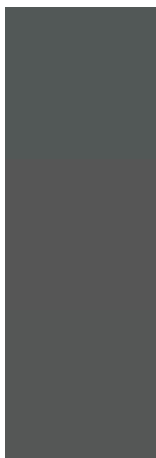
Deuteranomaly

37, 2.116, 343.878

Tritanomaly

37, 3.475, 262.442

Monochromacy



Original Color

37, 2.600, 185.399

Achromatopsia

37, 0.005, 296.813

Achromatomaly

37, 1.053, 163.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 2.600, 185.399 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(82, 88, 87)` looks like.

```
.text, #text, p{  
    color:rgb(82, 88, 87)  
}
```

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(82, 88, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 88, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 2.600, 185.399 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(82, 88, 87) }
```

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

```
.border{ border-color:rgb(82, 88, 87) }
```

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

Here you see how a box with a 4 pixel rgb(82, 88, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 88, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 88, 87);  
box-shadow:4px 4px 4px 4px rgb(82, 88, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 2.600, 185.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 88, 87) }
```

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

```
.background{ background-color: rgb(82, 88,  
87) }
```

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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