

Converting Colors

CIELCh(37, 6.329, 148.291)

Have a look what the booklet for
CIELCh(37, 6.329, 148.291) contains.

CIELCh(37, 5.815, 150.732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(37, 5.815, 150.732)

Conversions

Conversions Part 1

Format	Color
Hex	505952
RGB	80, 89, 82
RGB Percent	31%, 35%, 32%
CMY	0.6849, 0.6496, 0.6771
CMYK	0.10, 0.00, 0.08, 0.65
HSL	133°, 5%, 33%
HSV	133°, 10%, 35%
XYZ	8.4749, 9.5379, 9.4457
YIQ	85.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

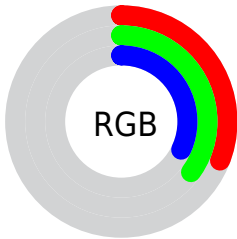
Format	Color
R_{YB}	80, 87, 89
Decimal	5265746
CIE Lab	37.00, -5.07, 2.84
CIE LCh	37, 5.815, 150.732
Yxy	9.5379, 0.3086, 0.3474
Android (android.graphics.Color)	4283455826 (0xFF505952)
YUV	85.5110, -1.7309, -4.8331
Hunter-Lab	30.8835, -5.0630, 3.4846

Details

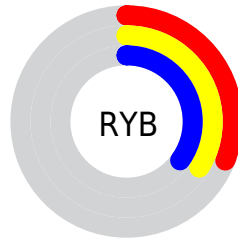
The CIELCh color **37, 5.815, 150.732** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 5.836, 331.872**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 6.056, 150.122**, and **17, 6.236, 147.109** is the 20% darker color. If you saturate the color by 10%, you get **36, 11.631, 150.021**, and if you desaturate by 10%, it is **38, 0.042, 155.463**.

Distribution



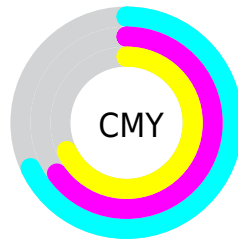
- Red (31%)
- Green (35%)
- Blue (32%)



- Red (31%)
- Yellow (34%)
- Blue (35%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (65%)



- Cyan (68%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 5.815, 150.732 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, 5.815, 150.732 by changing the saturation by 10% instead.

■ 37, 5.815, 150.732

■ 37, 5.815, 150.732

■ 100, 5.815,
150.732

■ 27, 5.815, 150.732

■ 57, 5.815, 150.732

■ 17, 5.815, 150.732

■ 67, 5.815, 150.732

■ 7, 5.815, 150.732

■ 77, 5.815, 150.732

■ 0, 5.815, 150.732

■ 87, 5.815, 150.732

■ 97, 5.815, 150.732

■ 37, 5.815, 150.732

■ 37, 5.815, 150.732

■ 36, 11.631,
150.021

■ 38, 0.042, 155.463

35, 17.426,
149.219

39, 5.645, 331.813

35, 23.128,
148.304

40, 11.213,
332.300

34, 28.645,
147.260

41, 16.640,
332.725

34, 33.877,
146.075

43, 21.913,
333.102

33, 38.719,
144.748

44, 27.025,
333.440

33, 43.066,
143.289

45, 31.975,
333.744

33, 46.827,
141.737

47, 36.764,
334.021

32, 50.131,
140.459

48, 41.399,
334.273

Harmonies

Complementary

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



37, 5.815, 150.732



35, 5.836, 331.872

Rectangle

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



37, 5.815, 150.732



37, 5.815, 200.732



37, 5.815, 330.732



37, 5.815, 20.732

Sweetspot

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



37, 5.816, 150.731



49, 2.153, 151.233



38, 5.596, 118.028



24, 1.617, 151.178



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, 5.816, 150.731



48, 8.674, 150.572



37, 4.107, 176.336



18, 3.303, 150.814



40, 58.555, 139.948



82, 106.097, 138.776

Inverse Universe

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



35, 5.836, 331.872



45, 8.706, 332.016



35, 4.225, 357.947



17, 3.314, 331.795



24, 52.680, 338.889



54, 91.929, 339.760

Previews

White Background



This preview shows how the CIELCh color 37, 5.815, 150.732 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 37, 5.815, 150.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

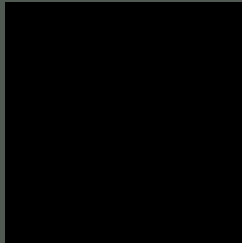
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

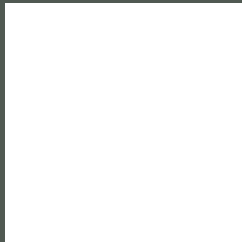
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 37, 5.815, 150.732

Background



This preview shows how black text looks on a background with the CIELCh color 37, 5.815, 150.732.



This preview shows how white text looks on a background with the CIELCh color 37, 5.815, 150.732.

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, 5.815, 150.732

Protanopia

37, 3.910, 89.949

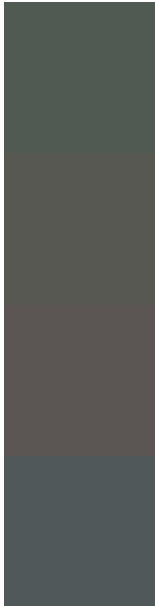
Deuteranopia

37, 5.745, 26.290



Tritanopia
37, 4.909, 261.241

Trichromacy



Original Color

37, 5.815, 150.732

Protanomaly

37, 4.400, 120.845

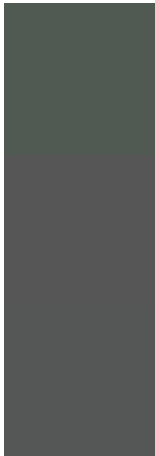
Deuteranomaly

37, 2.845, 59.996

Tritanomaly

37, 3.120, 222.540

Monochromacy



Original Color

37, 5.815, 150.732

Achromatopsia

37, 0.005, 296.813

Achromatomaly

37, 1.785, 155.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 5.815, 150.732 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(80, 89, 82)` looks like.

```
.text, #text, p{  
    color:rgb(80, 89, 82)  
}
```

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(80, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 89, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 5.815, 150.732 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(80, 89, 82) }
```

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

```
.border{ border-color:rgb(80, 89, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 89, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(80, 89, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 5.815, 150.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 89, 82) }
```

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

```
.background{ background-color: rgb(80, 89,  
82) }
```

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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