

Converting Colors

CIELCh(36, 7.478, 334.966)

Have a look what the booklet for
CIELCh(36, 7.478, 334.966) contains.

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Color

CIELCh(36, 7.583, 333.096)

Conversions

Conversions Part 1

Format	Color
Hex	5D515A
RGB	93, 81, 90
RGB Percent	36%, 32%, 35%
CMY	0.6342, 0.6813, 0.6460
CMYK	0.00, 0.13, 0.03, 0.63
HSL	315°, 7%, 34%
HSV	315°, 13%, 37%
XYZ	9.3605, 9.0082, 10.9782
YIQ	85.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

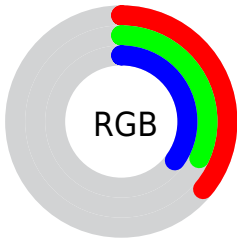
Format	Color
RYB	93, 81, 90
Decimal	6115674
CIELab	36.00, 6.76, -3.43
CIELCh	36, 7.583, 333.096
Yxy	9.0082, 0.3190, 0.3070
Android (android.graphics.Color)	4284305754 (0xFF5D515A)
YUV	85.6140, 2.1623, 6.4775
Hunter-Lab	30.0136, 3.1462, -0.6772

Details

The CIELCh color **36, 7.583, 333.096** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 7.549, 151.547**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 7.697, 332.158**, and **16, 7.683, 334.500** is the 20% darker color. If you saturate the color by 10%, you get **33, 13.531, 333.745**, and if you desaturate by 10%, it is **39, 1.681, 332.403**.

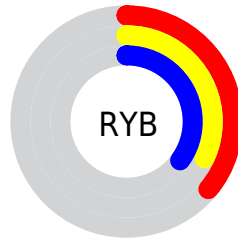
Distribution



Red (36%)

Green (32%)

Blue (35%)



Red (36%)

Yellow (32%)

Blue (35%)

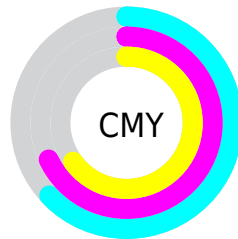


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (63%)



Cyan (63%)

Magenta (68%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 7.583, 333.096 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 36, 7.583, 333.096 by changing the saturation by 10% instead.

■ 36, 7.583, 333.096

■ 36, 7.583, 333.096

■ 100, 7.583,
333.096

■ 26, 7.583, 333.096

■ 56, 7.583, 333.096

■ 16, 7.583, 333.096

■ 66, 7.583, 333.096

■ 6, 7.583, 333.096

■ 76, 7.583, 333.096

■ 0, 7.583, 333.096

■ 86, 7.583, 333.096

■ 96, 7.583, 333.096

■ 36, 7.583, 333.096

■ 36, 7.583, 333.096

■ 33, 13.531,
333.745

■ 39, 1.681, 332.403

31, 19.445,
334.417

42, 4.117, 151.979

28, 25.203,
335.120

45, 9.779, 151.401

26, 30.639,
335.862

47, 15.291,
150.870

24, 35.544,
336.653

50, 20.645,
150.369

22, 39.681,
337.513

53, 25.841,
149.896

21, 42.818,
338.468

56, 30.885,
149.449

20, 44.882,
339.542

59, 35.783,
149.026

19, 46.277,
340.293

62, 40.544,
148.627

Harmonies

Complementary

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



36, 7.583, 333.096



38, 7.549, 151.547

Rectangle

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



36, 7.583, 333.096



36, 7.583, 23.096



36, 7.583, 153.096



36, 7.583, 203.096

Sweetspot

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



36, 7.582, 333.097



50, 2.931, 332.512



35, 7.616, 300.696



25, 2.064, 332.554



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



36, 7.582, 333.097



46, 11.068, 333.265



36, 5.539, 0.624



17, 3.249, 332.836



23, 51.675, 340.598



53, 90.097, 341.632

Inverse Universe

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



36, 7.582, 333.097



46, 11.068, 333.265



39, 5.320, 178.473



17, 3.249, 332.836



23, 51.675, 340.598



53, 90.097, 341.632

Previews

White Background



This preview shows how the CIELCh color 36, 7.583, 333.096 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 36, 7.583, 333.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

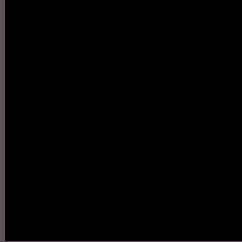
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 7.583, 333.096

Background



This preview shows how black text looks on a background with the CIELCh color 36, 7.583, 333.096.



This preview shows how white text looks on a background with the CIELCh color 36, 7.583, 333.096.

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

36, 7.583, 333.096

Protanopia

36, 4.973, 291.003

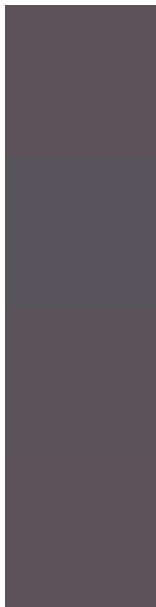
Deuteranopia

36, 6.286, 328.116



Tritanopia
36, 6.014, 342.125

Trichromacy



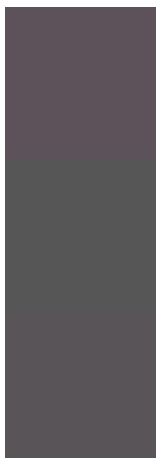
Original Color
36, 7.583, 333.096

Protanomaly
36, 5.271, 309.417

Deuteranomaly
36, 6.552, 331.127

Tritanomaly
36, 6.407, 337.748

Monochromacy



Original Color
36, 7.583, 333.096

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 3.284, 330.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 7.583, 333.096 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(93, 81, 90)` looks like.

```
.text, #text, p{  
    color:rgb(93, 81, 90)  
}
```

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(93, 81, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 81, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 7.583, 333.096 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(93, 81, 90) }
```

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

```
.border{ border-color:rgb(93, 81, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 81, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 81, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 81, 90);  
box-shadow:4px 4px 4px 4px rgb(93, 81, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 7.583, 333.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 81, 90) }
```

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

```
.background{ background-color: rgb(93, 81,  
90) }
```

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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