

Converting Colors

CIELCh(36, 9.143, 66.614)

Have a look what the booklet for
CIELCh(36, 9.143, 66.614) contains.

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Color

CIELCh(36, 9.415, 65.920)

Conversions

Conversions Part 1

Format	Color
Hex	605247
RGB	96, 82, 71
RGB Percent	38%, 32%, 28%
CMY	0.6229, 0.6779, 0.7210
CMYK	0.00, 0.15, 0.26, 0.62
HSL	26°, 15%, 33%
HSV	26°, 26%, 38%
XYZ	9.0098, 9.0082, 7.2491
YIQ	84.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

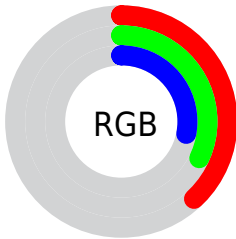
Format	Color
RYB	96, 91, 71
Decimal	6312519
CIELab	36.00, 3.84, 8.60
CIElCh	36, 9.415, 65.920
Yxy	9.0082, 0.3566, 0.3565
Android (android.graphics.Color)	4284502599 (0xFF605247)
YUV	84.9320, -6.8685, 9.7066
Hunter-Lab	30.0136, 1.0602, 6.6894

Details

The CIELCh color **36, 9.415, 65.920** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35, 8.603, 252.058**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 9.575, 65.256**, and **16, 9.117, 63.449** is the 20% darker color. If you saturate the color by 10%, you get **34, 13.393, 64.905**, and if you desaturate by 10%, it is **38, 5.642, 66.953**.

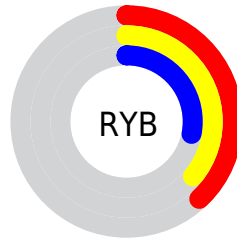
Distribution



 Red (38%)

 Green (32%)

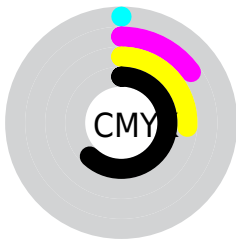
 Blue (28%)



 Red (38%)

 Yellow (36%)

 Blue (28%)

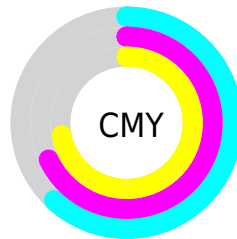


 Cyan (0%)

 Magenta (15%)

 Yellow (26%)

 Black (62%)



 Cyan (62%)

 Magenta (68%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 9.415, 65.920 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, 9.415, 65.920 by changing the saturation by 10% instead.

 36, 9.415, 65.920  36, 9.415, 65.920

 100, 9.415, 65.920  26, 9.415, 65.920

 56, 9.415, 65.920  16, 9.415, 65.920

 66, 9.415, 65.920  6, 9.415, 65.920

 76, 9.415, 65.920  0, 9.415, 65.920

 86, 9.415, 65.920

 96, 9.415, 65.920

 36, 9.415, 65.920  36, 9.415, 65.920

 34, 13.393, 64.905  38, 5.642, 66.953

 32, 17.583, 63.893  40, 2.062, 67.921

■ 31, 21.974, 62.893

■ 42, 1.343, 249.256

■ 29, 26.527, 61.892

■ 43, 4.589, 250.148

■ 28, 31.143, 60.843

■ 45, 7.693, 251.126

■ 26, 35.616, 59.635

■ 47, 10.672,
252.091

■ 25, 39.483, 58.029

■ 49, 13.539,
253.030

■ 24, 40.977, 57.464

■ 51, 16.307,
253.939

■ 53, 18.988,
254.815

Harmonies

Complementary

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



36, 9.415, 65.920



35, 8.603, 252.058

Rectangle

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



36, 9.415, 65.920



36, 9.415, 115.920



36, 9.415, 245.920



36, 9.415, 295.920

Sweetspot

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



36, 9.415, 65.929



51, 3.426, 67.721



33, 13.931, 342.235



26, 2.462, 67.612



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



36, 9.415, 65.929



45, 14.147, 65.321



40, 14.123, 104.881



19, 1.952, 67.660



29, 46.878, 57.460



60, 84.021, 55.262

Inverse Universe

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



35, 8.603, 252.058



44, 12.628, 253.057



32, 14.830, 290.324



19, 1.901, 249.729



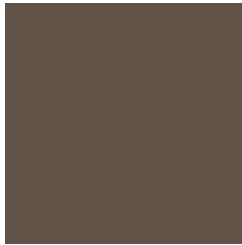
26, 33.554, 275.130



55, 61.918, 278.388

Previews

White Background



This preview shows how the CIELCh color 36, 9.415, 65.920 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 CIE LCh color 36, 9.415, 65.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

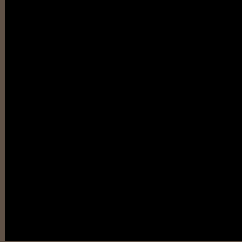
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 9.415, 65.920

Background



This preview shows how black text looks on a background with the CIELCh color 36, 9.415, 65.920.

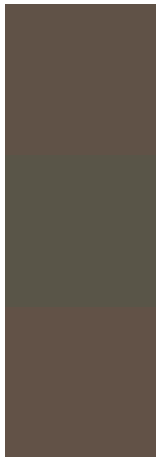


This preview shows how white text looks on a background with the CIELCh color 36, 9.415, 65.920.

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

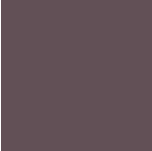
36, 9.415, 65.920

Protanopia

36, 8.221, 96.114

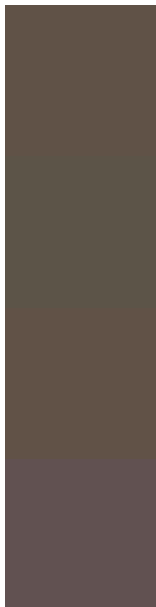
Deuteranopia

36, 10.094, 62.124



Tritanopia
36, 8.644, 355.358

Trichromacy



Original Color
36, 9.415, 65.920

Protanomaly
36, 8.268, 82.814

Deuteranomaly
36, 9.749, 63.955

Tritanomaly
36, 7.080, 20.414

Monochromacy



Original Color
36, 9.415, 65.920

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 3.297, 68.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 9.415, 65.920 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(96, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(96, 82, 71)  
}
```

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(96, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 82, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 9.415, 65.920 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(96, 82, 71) }
```

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

```
.border{ border-color:rgb(96, 82, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 82, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(96, 82, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 9.415, 65.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 82, 71) }
```

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

```
.background{ background-color: rgb(96, 82,  
71) }
```

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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